



Registered in U. S. Patent Office

**SLIDING
DOOR
HARDWARE**

Catalog No. 200

COBURN PRODUCTS



A PRODUCT OF WICKWIRE SPENCER STEEL DIV. OF THE COLORADO FUEL AND IRON CORP.
SALES AND ENGINEERING—56 STERLING STREET, CLINTON, MASSACHUSETTS





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Sliding Door Hardware

Catalog No. 200

Revised 1951

Other Coburn Products Include

Fire Door Hardware

Overhead Conveying Systems

Separate catalogs are issued on the above products.

Since 1888 Coburn Products Have Been Dependable

Foreword

THIS catalog presents the latest Coburn line of Sliding Door Hardware which is the result of over half a century of experience in this specialized field. We have endeavored to incorporate sufficient data to make it a reference book for architects, contractors and builders hardware estimators. In addition to the standard items described and illustrated here, we are continually manufacturing special products to meet specific requirements. If you have some unusual problem which cannot be handled with our standard equipment, our Engineering Department will be pleased to consult with you and offer suggestions for the proper solution.

Coburn Track is the original enclosed track. It was first manufactured in 1888 and is now, as it was then, the most mechanically correct of any door hanger track ever invented. No one has been able to improve its design. Its shape gives the greatest obtainable strength of the material used and the round troughs keep the wheels in the exact center position so that they operate with less friction than in any other type of enclosed track.

WHEN WRITING FOR PRICES

Always specify the size of the opening, the size and thickness of the doors to be used, and the manner in which the doors are to be operated. If possible send a sketch of the proposed layout. We will then be able to recommend the proper hardware to be used and to quote a definite price.

PRICES

See accompanying price list.

WHEN ORDERING

Give the catalog number or the catalog page on which the item is shown. State whether the material is to be shipped by freight, express or parcel post.

TERMS

All goods are invoiced when shipped and all payments are due and payable within thirty days from the date of the invoice. A discount of 2% is allowed for cash in ten days.

All agreements or quotations are made contingent upon strikes, accidents, or other causes beyond our reasonable control.

All claims for errors or shortages must be made immediately on receipt of goods and no such claims will be allowed unless made within five days after receipt of goods.

Accounts overdue are subject to sight draft after giving the customer due notice of our intention.

RETURNED GOODS

Customers must obtain our permission before returning goods to us. When asking for such permission, kindly mention date on which material was invoiced by us.

Upon receipt of returned shipment in good condition, transportation charges prepaid, we will issue a credit for the material, less a 10% rehandling charge to cover the cost of rehandling.

The return of special goods cannot be authorized. Material returned without our permission will not be accepted.

ENGINEERING DATA

All dimensions shown in this catalog are intended for estimating purposes only and are not guaranteed. Detailed specifications will be furnished on request.

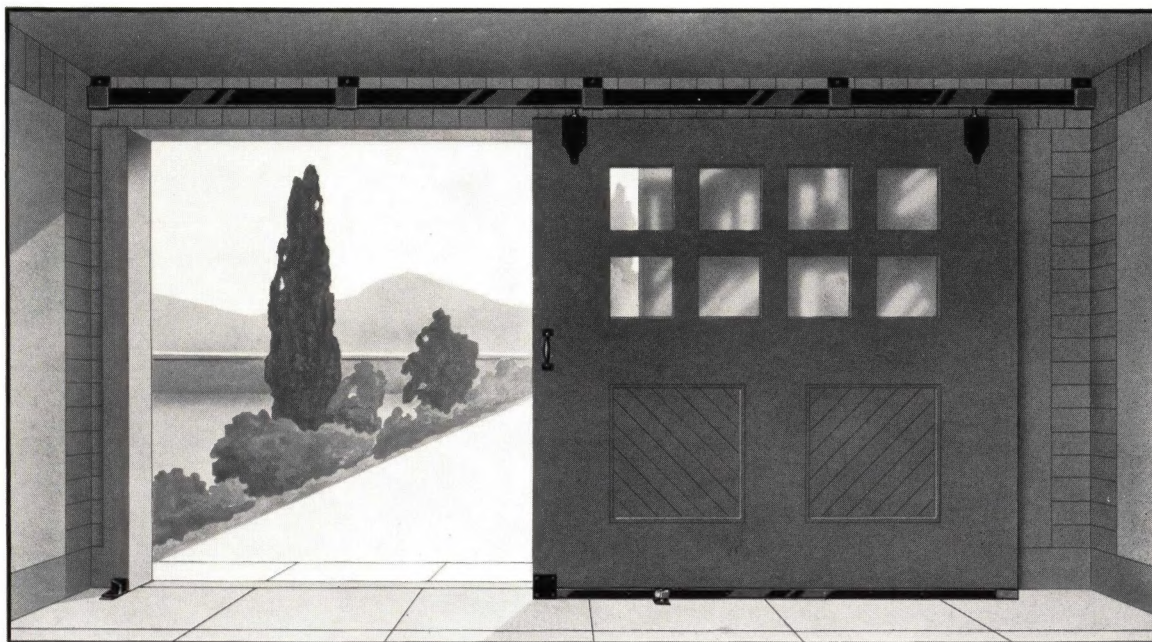
THE COBURN GUARANTEE

We will replace free of charge any goods sold by us if found defective in either workmanship or material. We will not, however, be responsible unless goods are used according to directions and for the purpose for which they are intended.

Straight Sliding Door Hardware

No. 401 HARDWARE SETS

For a Single Door Operating on a Single Run of Track



Plan No. 401

No. 401 Hardware Sets are used on doors which have unobstructed jamb room on one side of the opening equal to or greater than the width of the opening plus the lap of the door on both sides.

COMPOSITION OF No. 401 HARDWARE SETS

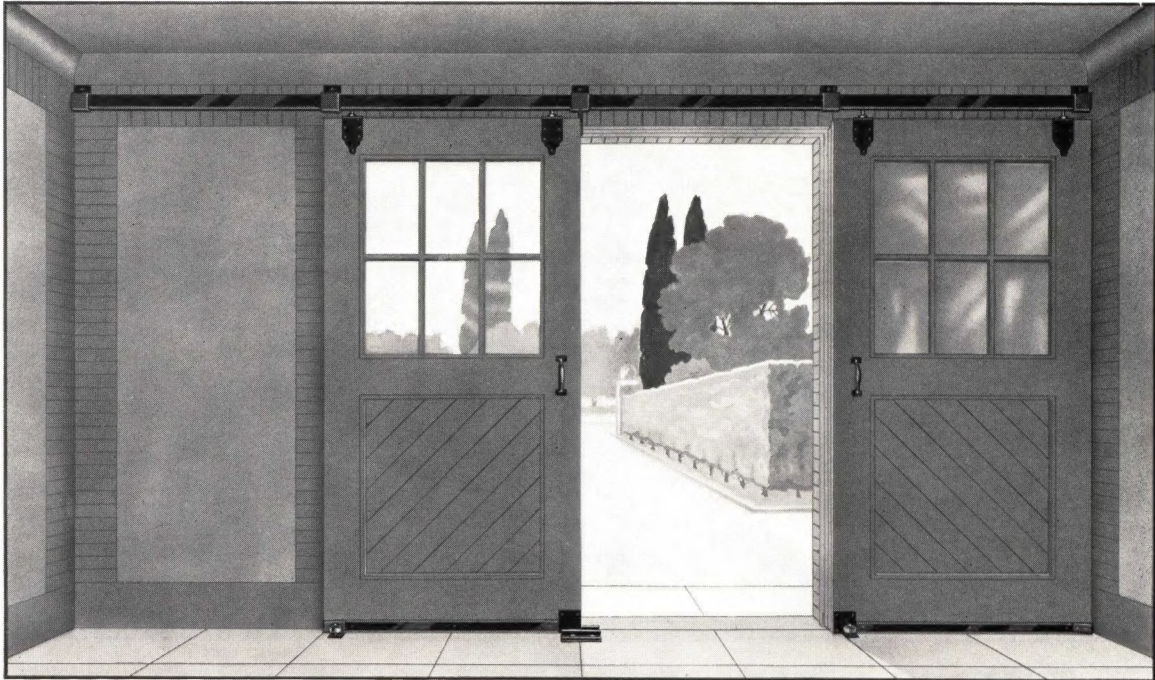
Width of Opening	4'0"	6'0"	8'0"	10'0"	12'0"
Track Sections	1 pc. 8'	2 pcs. 6'	2 pcs. 8'	2 pcs. 10'	3 pcs. 8'
Wall Brackets No. 701	4	5	7	7	10
End Inserts No. 30	2	2	2	2	2
Door Hangers No. 134S	1 pr.	1 pr.	1 pr.	1½ pr.	1½ pr.
Raised Handle No. 463	1	1	1	1	1
Flush Handle No. 462	1	1	1	1	1
Guide Roll No. 485	1	1	1	1	1
Floor Stop No. 191	1	1	1	1	1
Bumper Shoes No. 34	1 pr.	1 pr.	1 pr.	1 pr.	1 pr.
Wedge No. 148	1	1	1	1	1
Chafe Strip No. 28	3'4"	5'4"	7'4"	9'4"	11'4"
Drawtite Bolt No. 896	1	1	1	1	1

These sets are furnished with all sizes of track brackets and hangers to suit weight of door; see track data Pages 16 and 17. Specify set number with track number added; for example, set No. 401-1.

Straight Sliding Door Hardware

No. 402 HARDWARE SETS

For Two Doors Operating on a Single Run of Track



Plan No. 402

No. 402 Hardware Sets are used on doors which have unobstructed jamb room on each side of the opening equal to or greater than one-half the width of the opening plus the lap of the door on one side.

COMPOSITION OF No. 402 HARDWARE SETS

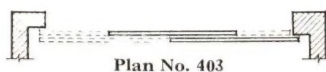
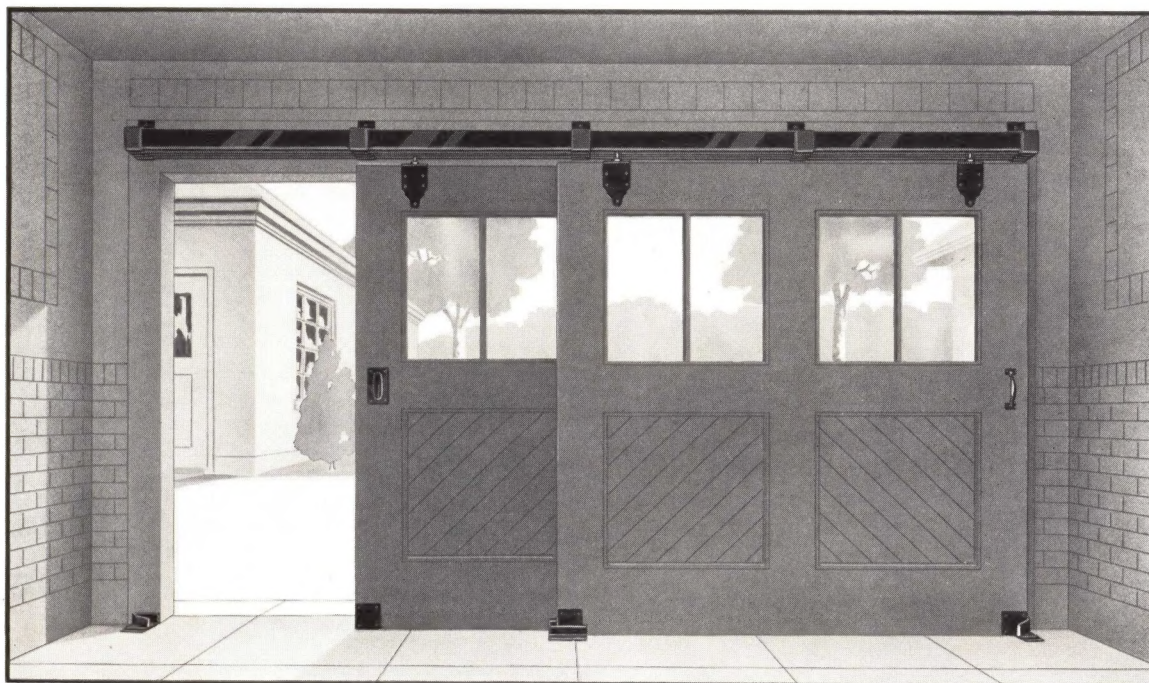
Width of Opening	8'0"	10'0"	12'0"	14'0"	16'0"
Track Sections	2 pcs. 8'	2 pcs. 10'	4 pcs. 6'	2 pcs. 6' + 2 pcs. 8'	4 pcs. 8'
Wall Brackets No. 701	6	8	8	10	12
End Inserts No. 30	2	2	2	2	2
Stop Bracket No. 707	1	1	1	1	1
Door Hangers No. 134S	2 pr.	2 pr.	2 pr.	2 pr.	2 pr.
Raised Handles No. 463	2	2	2	2	2
Flush Handles No. 462	2	2	2	2	2
Floor Stop No. 193	1	1	1	1	1
Guide Rolls No. 485	2	2	2	2	2
Bumper Shoes No. 34	2 pr.	2 pr.	2 pr.	2 pr.	2 pr.
Wedges No. 148	2	2	2	2	2
Chafe Strip No. 28	6'8"	8'8"	10'8"	12'8"	14'8"
Drawtite Bolt No. 896	1	1	1	1	1

These sets are furnished with all sizes of track brackets and hangers to suit weight of door; see track data Pages 16 and 17. Specify set number with track number added; for example, set No. 402-1.

Straight Sliding Door Hardware

No. 403 HARDWARE SETS

For Two Doors Operating on a Double Run of Track



No. 403 Hardware Sets are used extensively for two-car garages. One door may be used as a pass door and the other door locked from the inside, or each door may have a separate outside lock for the protection of the individual car owners.

COMPOSITION OF No. 403 HARDWARE SETS

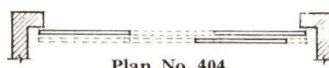
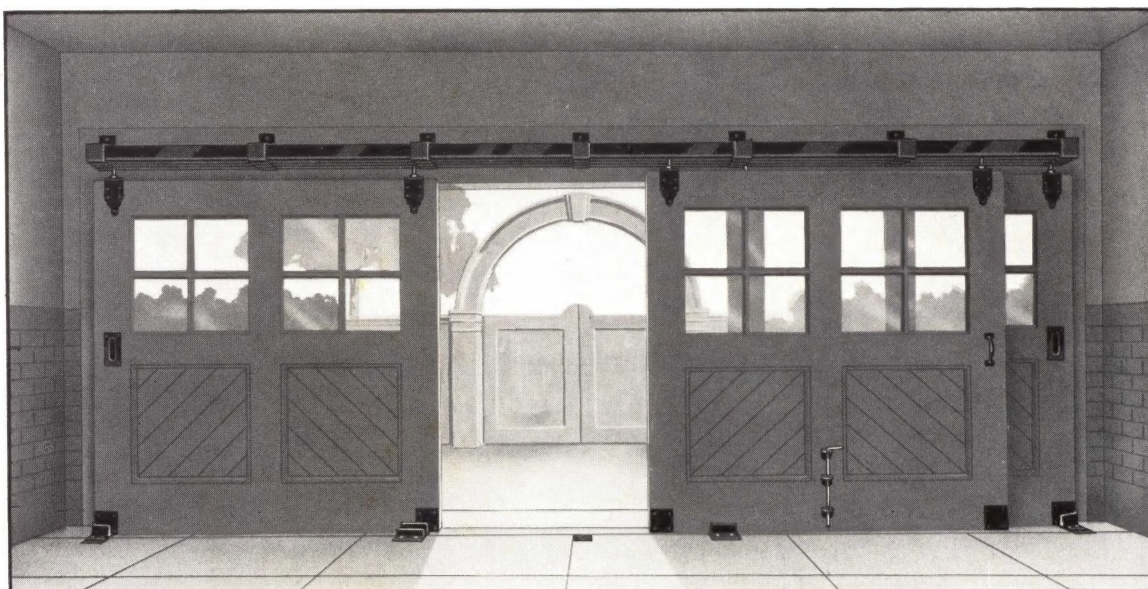
Width of Opening	16'0"	18'0"	20'0"	22'0"	24'0"
Track Sections	4 pcs. 8'	2 pcs. 8' + 2 pcs. 10'	4 pcs. 10'	4 pcs. 6' + 2 pcs. 10'	6 pcs. 8'
Wall Brackets No. 712	7	8	9	9	10
End Inserts No. 30	4	4	4	4	4
Door Hangers No. 134S	2 pr.	2 pr.	3 pr.	3 pr.	3 pr.
Raised Handle No. 463	1	1	1	1	1
Flush Handles No. 462	3	3	3	3	3
Floor Stops No. 191	2	2	2	2	2
Floor Guide No. 192	1	1	1	1	1
Bumper Shoes No. 34	4 pr.	4 pr.	4 pr.	4 pr.	4 pr.
Drawtite Bolt No. 896	1	1	1	1	1

These sets are furnished with all sizes of track brackets and hangers to suit weight of door; see track data Pages 16 and 17. Specify set number with track number added; for example, set No. 403-1.

Straight Sliding Door Hardware

No. 404 HARDWARE SETS

For Three Doors Operating on a Double Run of Track



Plan No. 404

No. 404 Hardware Sets are the most economical for three-car garages. Either end door may be used as a pass door with the other two doors locked from the inside, or both end doors may be locked on the outside with only the middle door fastened from the inside.

Only one door can be open at any time.

COMPOSITION OF No. 404 HARDWARE SETS

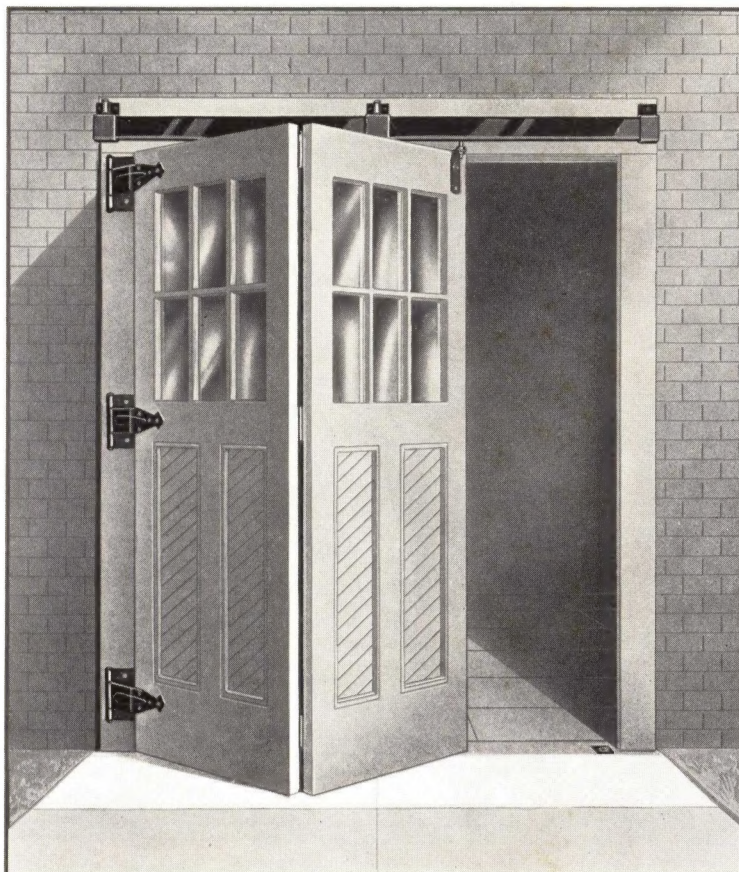
Width of Opening	24'0"	27'0"	30'0"	33'0"	36'0"
Track Sections	6 pcs. 8'	2 pcs. 8' + 4 pcs. 10'	6 pcs. 10'	6 pcs. 8' + 2 pcs. 10'	4 pcs. 8' + 4 pcs. 10'
Wall Brackets No. 712	10	12	13	14	15
End Inserts No. 30	4	4	4	4	4
Door Hangers No. 134S	3 pr.	3 pr.	4½ pr.	4½ pr.	4½ pr.
Raised Handle No. 463	1	1	1	1	1
Flush Handles No. 462	4	4	4	4	4
Floor Stops No. 191	2	2	2	2	2
Floor Guides No. 192	2	2	2	2	2
Bumper Shoes No. 34	6 pr.	6 pr.	6 pr.	6 pr.	6 pr.
Cane Bolt No. 211	1	1	1	1	1
Drawtite Bolt No. 896	2	2	2	2	2

These sets are furnished with all sizes of track brackets and hangers to suit weight of door; see track data Pages 16 and 17. Specify set number with track number added; for example, set No. 404-1.

Sliding-Folding Door Hardware

No. 412 HARDWARE SETS

For Two Doors Closing an Opening not over 8 Feet Wide



COMPLETE SETS

Set No.	412-1	412-24	412-4	412-6
10 ft. Enclosed Track...	No. 1	No. 24	No. 4	No. 6
1 Swivel Bracket.....	709-1	709-24	709-4	709-6
2 Adjustable Brackets..	714-1-5"	714-24-5"	714-4-7"	714-6-7"
1 Adjustable Bracket..	714-1-7"	714-24-7"	714-4-11"	714-6-11"
1 Door Hanger.....	444-1	444-24	444-4	444-6
2 Raised Handles.....	463	463	463	463
1½ pr. Jamb Hinges..	70	70	70	70
1½ pr. Offset Hinges..	52	52	52	52
1 Cane Bolt.....	211-3	211-3	211-5	211-5
1 Chain Bolt.....	208-6"	208-6"	208-6"	208-6"
2 End Inserts.....	30-1	30-24	30-4	30-6

PARTIAL SETS

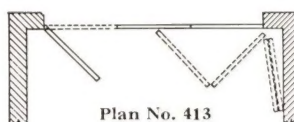
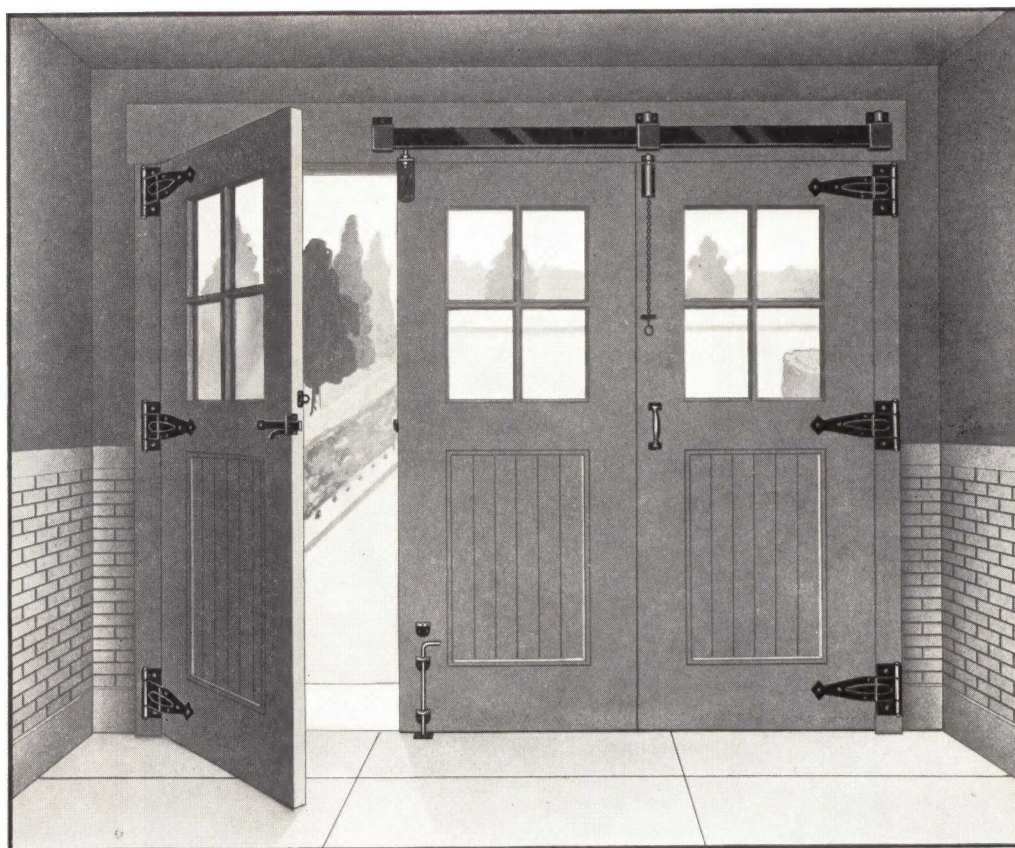
Set No.	412P-1	412P-24	412P-4	412P-6
1 Door Hanger.....	444-1	444-24	444-4	444-6
1 Swivel Bracket.....	709-1	709-24	709-4	709-6
2 Adjustable Brackets..	714-1-5"	714-24-5"	714-4-7"	714-6-7"
1 Adjustable Bracket...	714-1-7"	714-24-7"	714-4-11"	714-6-11"
2 End Inserts.....	30-1	30-24	30-4	30-6

No. 412 Sets can be used for doors which fold inside the building as well as for doors which fold outside the building.

Sliding-Folding Door Hardware

No. 413 HARDWARE SETS

For Three Doors Closing an Opening not over 9 Feet Wide



COMPLETE SETS

Set No.	413-1	413-24	413-4	413-6
8 ft. Enclosed Track...	No. 1	No. 24	No. 4	No. 6
1 Swivel Bracket.....	709-1	709-24	709-4	709-6
1 Adjustable Bracket...	714-1-5"	714-24-5"	714-4-7"	714-6-7"
1 Adjustable Bracket...	714-1-7"	714-24-7"	714-4-11"	714-6-11"
1 Door Hanger.....	444-1	444-24	444-4	444-6
1 Handle	463	463	463	463
3 pr. Jamb Hinges.....	70	70	70	70
1½ pr. Offset Hinges...	52	52	52	52
1 Cane Bolt.....	211-3	211-3	211-5	211-5
1 Chain Bolt.....	208-6"	208-6"	208-6"	208-6"
2 End Inserts.....	30-1	30-24	30-4	30-6

PARTIAL SETS

Set No.	413P-1	413P-24	413P-4	413P-6
1 Door Hanger.....	444-1	444-24	444-4	444-6
1 Swivel Bracket.....	709-1	709-24	709-4	709-6
1 Adjustable Bracket...	714-1-5"	714-24-5"	714-4-7"	714-6-7"
1 Adjustable Bracket...	714-1-7"	714-24-7"	714-4-11"	714-6-11"
2 End Inserts.....	30-1	30-24	30-4	30-6

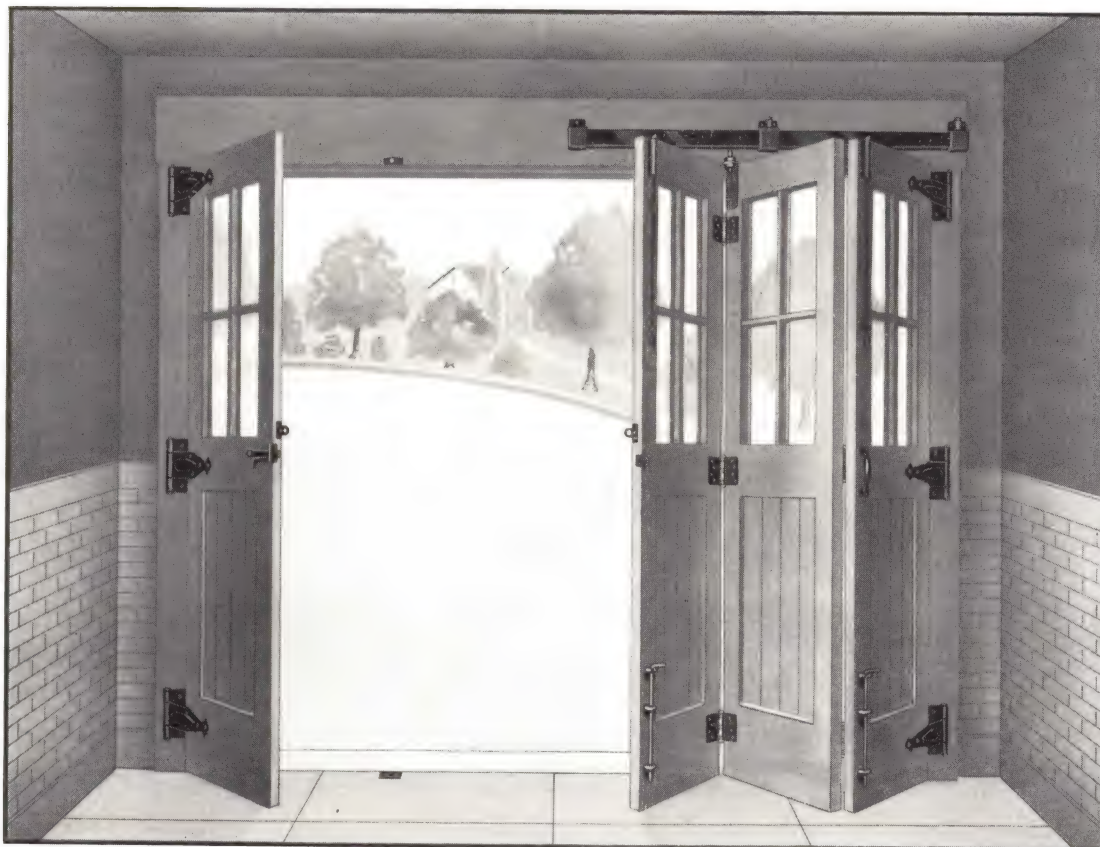
No. 413 Sets can be used for doors which fold outside the building as well as for doors which fold inside the building.

Thumb Latch and Padlock Eyes for pass Door, by others.

Sliding-Folding Door Hardware

No. 414A HARDWARE SETS

For Four Doors Closing an Opening not over 12 Feet Wide



COMPLETE SETS

Set No.	414A-1	414A-24	414A-4	414A-6
8 ft. Enclosed Track...	No. 1	No. 24	No. 4	No. 6
1 Swivel Bracket.....	709-1	709-24	709-4	709-6
1 Adjustable Bracket...	714-1-5"	714-24-5"	714-4-7"	714-6-7"
1 Adjustable Bracket...	714-1-7"	714-24-7"	714-4-11"	714-6-11"
1 Door Hanger.....	444-1	444-24	444-4	444-6
1 Raised Handle.....	463	463	463	463
3 pr. Jamb Hinges.....	70	70	70	70
1½ pr. Surface Hinges.	50	50	50	50
1½ pr. Offset Hinges...	52	52	52	52
2 Cane Bolts.....	211-3	211-3	211-5	211-5
2 Chain Bolts.....	208-6"	208-6"	208-6"	208-6"
2 End Inserts.....	30-1	30-24	30-4	30-6

PARTIAL SETS

Set No.	414AP-1	414AP-24	414AP-4	414AP-6
1 Door Hanger.....	444-1	444-24	444-4	444-6
1 Swivel Bracket.....	709-1	709-24	709-4	709-6
1 Adjustable Bracket...	714-1-5"	714-24-5"	714-4-7"	714-6-7"
1 Adjustable Bracket...	714-1-7"	714-24-7"	714-4-11"	714-6-11"
2 End Inserts.....	30-1	30-24	30-4	30-6

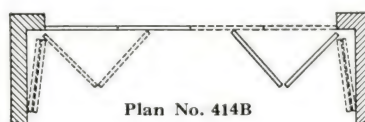
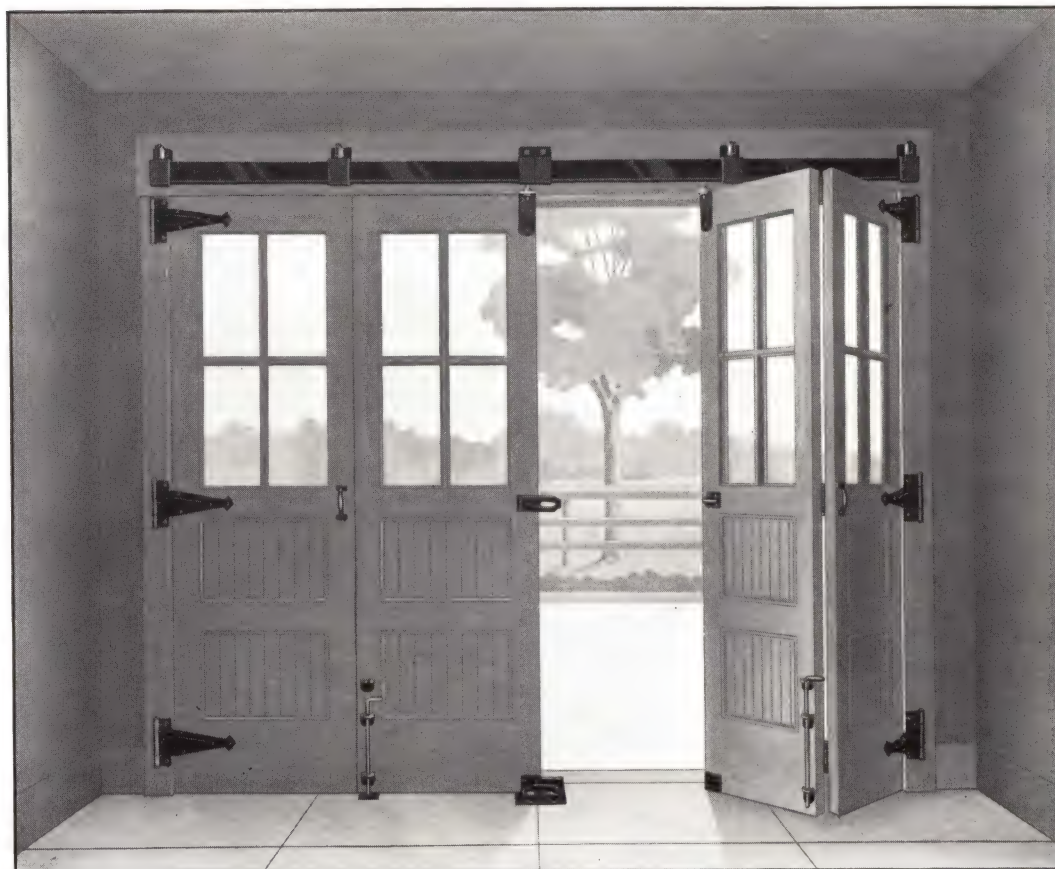
No. 414A sets can be used for doors which fold outside the building as well as for doors which fold inside the building.

Thumb Latch and Padlock Eyes for Pass Door, by others.

Sliding-Folding Door Hardware

No. 414B HARDWARE SETS

For Four Doors Closing an Opening not over 12 Feet Wide



COMPLETE SETS

Set No.	414B-1	414B-24	414B-4	414B-6
16 ft. Enclosed Track..	No. 1	No. 24	No. 4	No. 6
2 Swivel Brackets.....	709-1	709-24	709-4	709-6
2 Adjustable Brackets..	714-1-5"	714-24-5"	714-4-7"	714-6-7"
2 Adjustable Brackets..	714-1-7"	714-24-7"	714-4-11"	714-6-11"
2 Door Hangers.....	445-1	445-24	445-4	445-6
2 Raised Handles.....	463	463	463	463
3 pr. Jamb Hinges....	70	70	70	70
3 pr. Offset Hinges....	52	52	52	52
2 Cane Bolts.....	211-3	211-3	211-5	211-5
1 Floor Guide.....	543	543	543	543
2 pr. Bumper Shoes...	34	34	34	34
2 End Inserts.....	30-1	30-24	30-4	30-6

PARTIAL SETS

Set No.	414BP-1	414BP-24	414BP-4	414BP-6
2 Door Hangers.....	445-1	445-24	445-4	445-6
2 Swivel Brackets.....	709-1	709-24	709-4	709-6
2 Adjustable Brackets..	714-1-5"	714-24-5"	714-4-7"	714-6-7"
2 Adjustable Brackets..	714-1-7"	714-24-7"	714-4-11"	714-6-11"
2 End Inserts.....	30-1	30-24	30-4	30-6

No. 414B Sets can be used for doors which fold outside the building as well as for doors which fold inside the building.

Hasp and Staple for Padlock, by others.

Sliding-Folding Door Hardware

No. 415 HARDWARE SETS

For Five Doors Closing an Opening not over 15 Feet Wide



COMPLETE SETS

Set No.	415-1	415-24	415-4	415-6
16 ft. Enclosed Track...	No. 1	No. 24	No. 4	No. 6
2 Swivel Brackets.....	709-1	709-24	709-4	709-6
2 Adjustable Brackets..	714-1-5"	714-24-5"	714-4-7"	714-6-7"
2 Adjustable Brackets..	714-1-7"	714-24-7"	714-4-11"	714-6-11"
2 Door Hangers.....	444-1	444-24	444-4	444-6
2 Raised Handles.....	463	463	463	463
3 pr. Jamb Hinges.....	70	70	70	70
3 pr. Surface Hinges ..	50	50	50	50
1½ pr. Offset Hinges...	52	52	52	52
2 Cane Bolts.....	211-3	211-3	211-5	211-5
2 Chain Bolts.....	208-6"	208-6"	208-6"	208-6"
2 End Inserts.....	30-1	30-24	30-4	30-6

PARTIAL SETS

Set No.	415P-1	415P-24	415P-4	415P-6
2 Door Hangers.....	444-1	444-24	444-4	444-6
2 Swivel Brackets.....	709-1	709-24	709-4	709-6
2 Adjustable Brackets..	714-1-5"	714-24-5"	714-4-7"	714-6-7"
2 Adjustable Brackets..	714-1-7"	714-24-7"	714-4-11"	714-6-11"
4 End Inserts.....	30-1	30-24	30-4	30-6

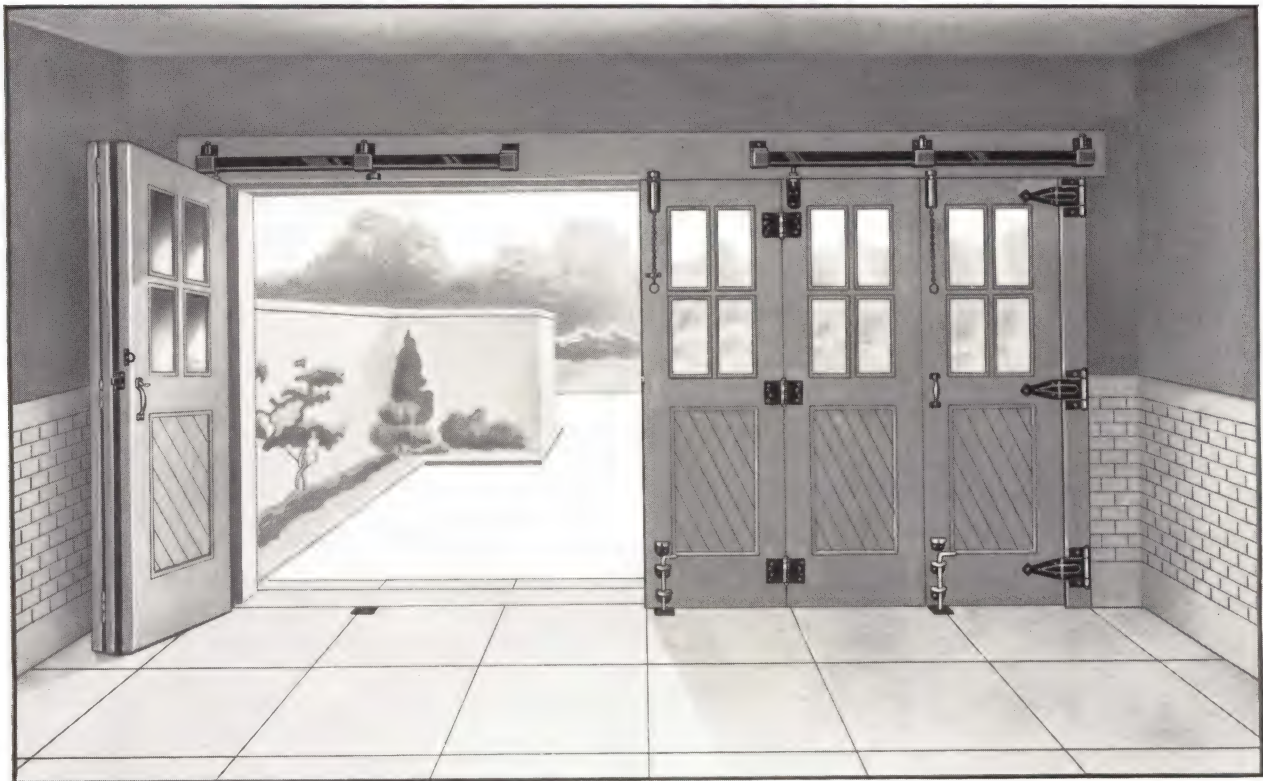
No. 415 Sets can be used for doors which fold outside the building as well as for doors which fold inside the building.

Thumb Latch and Padlock Eyes for Pass Door, by others.

Sliding-Folding Door Hardware

No. 416 HARDWARE SETS

For Six Doors Closing an Opening not over 18 Feet Wide



Plan No. 416

COMPLETE SETS

Set No.	416-1	416-24	416-4	416-6
16 ft. Enclosed Track..	No. 1	No. 24	No. 4	No. 6
2 Swivel Brackets.....	709-1	709-24	709-4	709-6
2 Adjustable Brackets..	714-1-5"	714-24-5"	714-4-7"	714-6-7"
2 Adjustable Brackets..	714-1-7"	714-24-7"	714-4-11"	714-6-11"
2 Door Hangers.....	444-1	444-24	444-4	444-6
2 Raised Handles.....	463	463	463	463
3 pr. Jamb Hinges.....	70	70	70	70
3 pr. Surface Hinges...	50	50	50	50
3 pr. Offset Hinges....	52	52	52	52
3 Cane Bolts.....	211-3	211-3	211-5	211-5
3 Chain Bolts.....	208-6"	208-6"	208-6"	208-6"
4 End Inserts.....	30-1	30-24	30-4	30-6

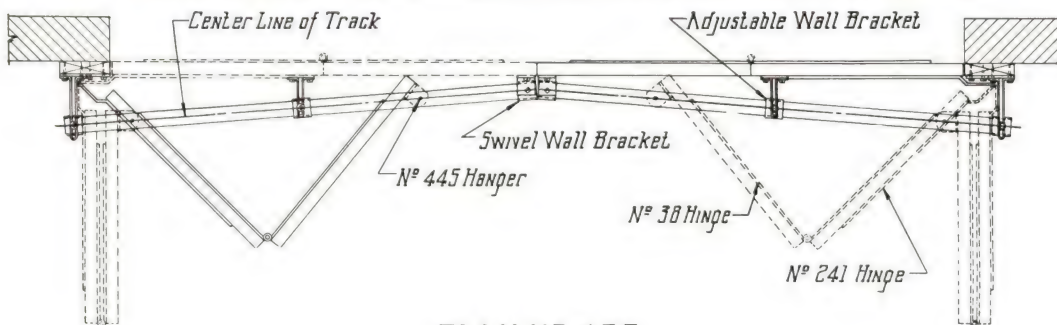
Thumb Latch and Padlock Eyes for Pass Door, by others.

PARTIAL SETS

Set No.	416P-1	416P-24	416P-4	416P-6
2 Door Hangers.....	444-1	444-24	444-4	444-6
2 Swivel Brackets.....	709-1	709-24	709-4	709-6
2 Adjustable Brackets..	714-1-5"	714-24-5"	714-4-7"	714-6-7"
2 Adjustable Brackets..	714-1-7"	714-24-7"	714-4-11"	714-6-11"
4 End Inserts.....	30-1	30-24	30-4	30-6

No. 416 Sets can be used for doors which fold outside the building as well as for doors which fold inside the building.

No. 430 Roundhouse Door Hardware



PLAN N° 430

This type of hardware is designed for large and heavy doors on openings through which locomotives and freight cars must pass. The doors may open in or out.

The doors are made in four sections with two sections folding to each side. They swing clear of the opening and present only half their surface to the wind.

The hardware is extra heavy and can be used with either wood or steel doors. The doors are hinged to the jamb with extra heavy hinges which extend across jamb door section, overlapping joint hinges on opposite side.

The bolts for the jamb hinges go through the doors

and on the opposite side hold in place the joint hinges which extend across the center sections. Each pair of folding sections is supported at the upper outside corner by a No. 445 Hanger operating in No. 10 Track.

When the doors are closed, they are held in place by chain bolts at the top and cane bolts at the bottom. When open, the doors are fastened to a post or other stationary object.

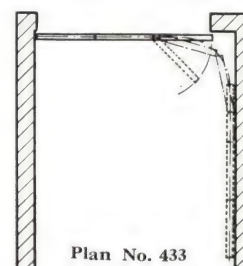
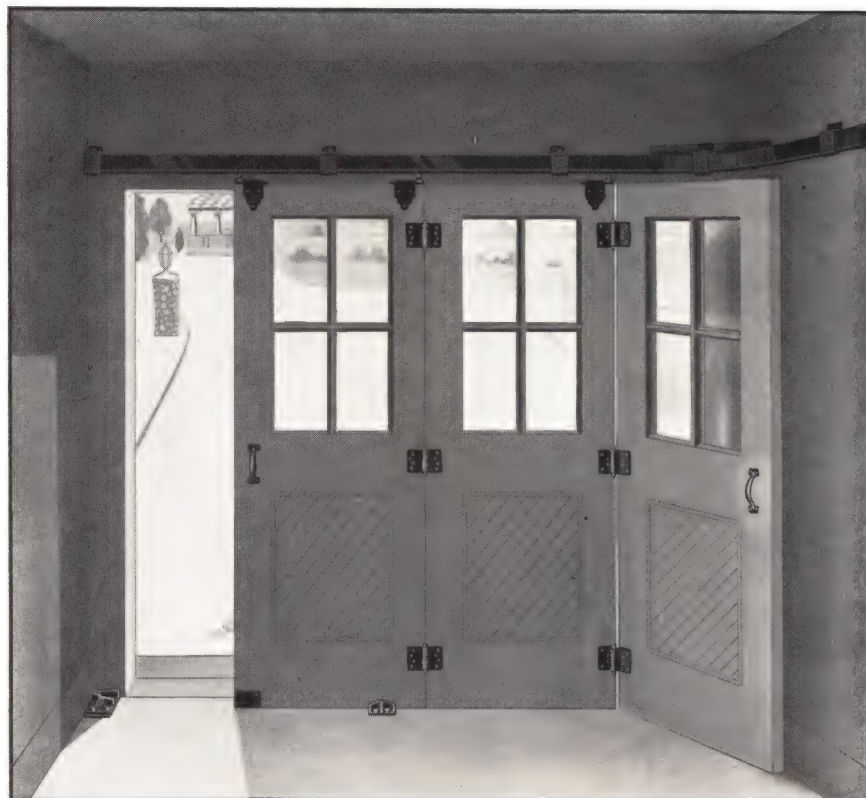
All No. 430 Hardware Sets are made to fit specific conditions, and it is necessary for us to have complete information on the proposed installation in order to submit a quotation.

Around-the-Corner Door Hardware

No. 433 HARDWARE SETS

For Three or More Doors Closing an Opening of Any Width

Doors should not exceed 3' 0" in width. The swinging door may be hinged to the jamb, if preferred, but it will be necessary to pad out the track on the side wall to allow the sliding doors to pass the swinging door.



With this type of hardware the doors slide clear of the opening and stand against the side wall where they are out of the way. When closed, they press tightly against the opening, making a weather-proof installation.

The hardware is reversible and can be used to slide doors either to the left or to the right.

When the opening is 10, 11 or 12 feet wide, four doors are used.

For openings over 12 feet wide prices are quoted on application.

COMPOSITION OF No. 433 HARDWARE SETS

Width of Opening	8'0"	9'0"	10'0"	11'0"	12'0"
Straight Track Sections	1 pc. 6' + 1 pc. 8'	2 pcs. 8'	1 pc. 8' + 1 pc. 10'	2 pcs. 10'	2 pcs. 6' + 1 pc. 10'
90° Curved Track	1	1	1	1	1
Wall Brackets No. 701	8	9	10	11	11
End Inserts No. 30	2	2	2	2	2
Door Hangers No. 389K	3	3	4	4	4
Surface Hinges No. 50	3 pr.	3 pr.	4½ pr.	4½ pr.	4½ pr.
Raised Handles No. 463	2	2	2	2	2
Floor Stop No. 191	1	1	1	1	1
Bumper Shoes No. 34	1 pr.	1 pr.	1 pr.	1 pr.	1 pr.
Floor Guide No. 543A	1	1	1	1	1

Lock Set for Pass Door, by others.

Complete sets include track for maximum distance of 18" between edge of opening and side wall. If this distance is more than 18" extra track will be required. If doors are over 10 feet high, one extra hinge should be used for each joint.

These sets are furnished with all sizes of track brackets and hangers to suit weight of door; see track data Pages 16 and 17.

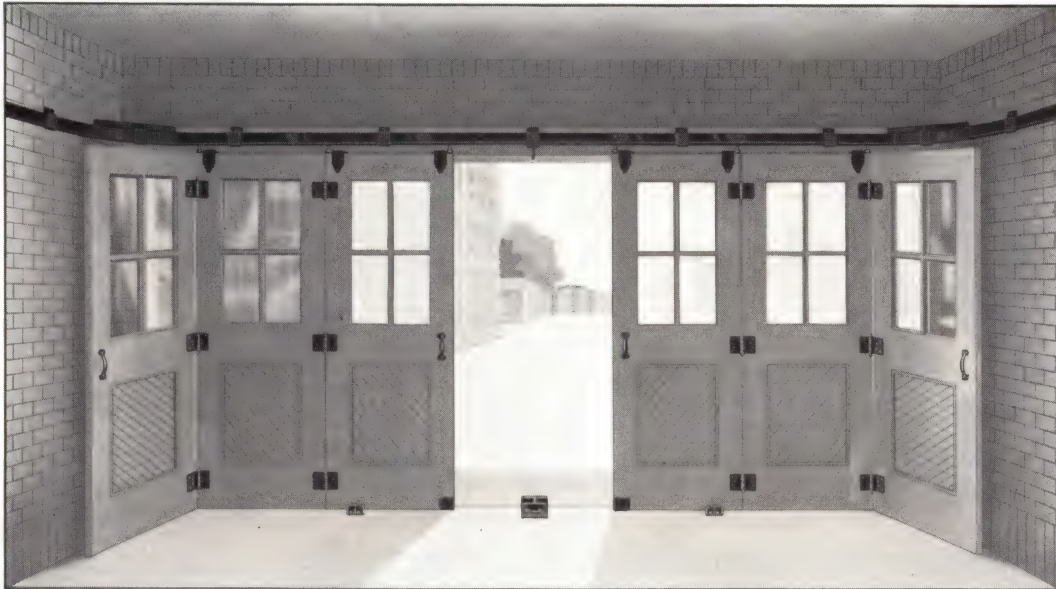
Specify set number with track number added; for example, set No. 433-1.

Around-the-Corner Door Hardware

No. 436 HARDWARE SETS

For Six or More Doors Closing an Opening of Any Width

Doors should not exceed 3' 0" in width. The swinging doors may be hinged to the jamb, if preferred, but it will be necessary to pad out the track on the side wall to allow the sliding doors to pass the swinging doors.



Plan No. 436

COMPOSITION OF No. 436 HARDWARE SETS

Width of Opening	16'0"	18'0"	20'0"	22'0"	24'0"
Straight Track Sections	2 pcs. 6' + 2 pcs. 8'	4 pcs. 8'	2 pcs. 8' + 2 pcs. 10'	4 pcs. 10'	4 pcs. 6' + 2 pcs. 10'
90° Curved Track	2	2	2	2	2
Wall Brackets No. 701	14	16	18	20	20
End Inserts No. 30	2	2	2	2	2
Stop Brackets No. 707	1	1	1	1	1
Door Hangers No. 389K	4	4	6	6	6
Door Hangers No. 388	2	2	2	2	2
Surface Hinges No. 50	6 pr.	6 pr.	9 pr.	9 pr.	9 pr.
Raised Handles No. 463	4	4	4	4	4
Floor Stop No. 193	1	1	1	1	1
Bumper Shoes No. 34	2 pr.	2 pr.	2 pr.	2 pr.	2 pr.
Floor Guides No. 543A	2	2	2	2	2

Lock Set for Pass Door, by others.

Complete sets include track for maximum distance of 18" between edge of opening and side wall on each side. If this distance is more than 18", extra track will be required. If doors are over 10 feet high, one extra hinge should be used for each joint.

When the opening is 20, 22, or 24 feet wide, eight doors are used.

These sets are furnished with all sizes of track brackets and hangers to suit weight of door; see track data Pages 16 and 17.

Specify set number with track number added; for example, set No. 436-1.

Enclosed Sliding Door Track



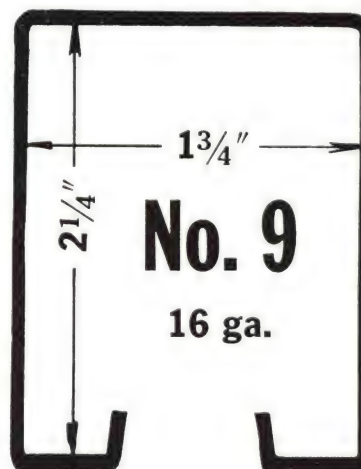
FULL SIZE SECTIONS OF TRACK

The following sectional views show the various sizes of Coburn enclosed track which are used with the Coburn hangers illustrated on pages 21 to 27 inclusive.

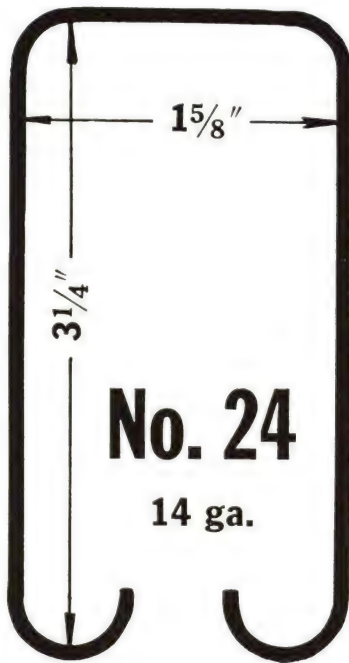
Our experience has proven that the rounded wheels of Coburn hangers operating in the round troughs of Coburn track cause less friction than any other combination of track and hangers on the market. The wheels are centered automatically by the round troughs, thus eliminating all scraping and chafing against the sides of the track.

Curved track is made with two standard radii: Nos. 1, 9, and 24 have radius of 2'6"; Nos. 4, 6, and 10 have radius of 3'0". Curves can be made up with special radius if desired.

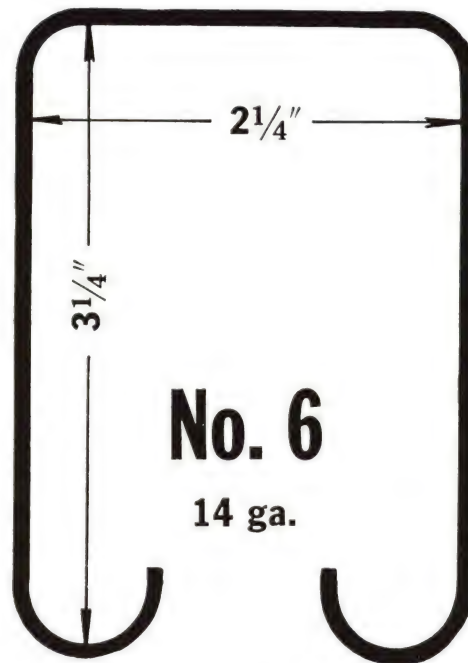
When selecting the proper track to be used for a specific purpose, it is advisable to make certain that the width of the track is approximately equal to the thickness of the door, so that the weight of the door will be carried directly under the center of the hanger.



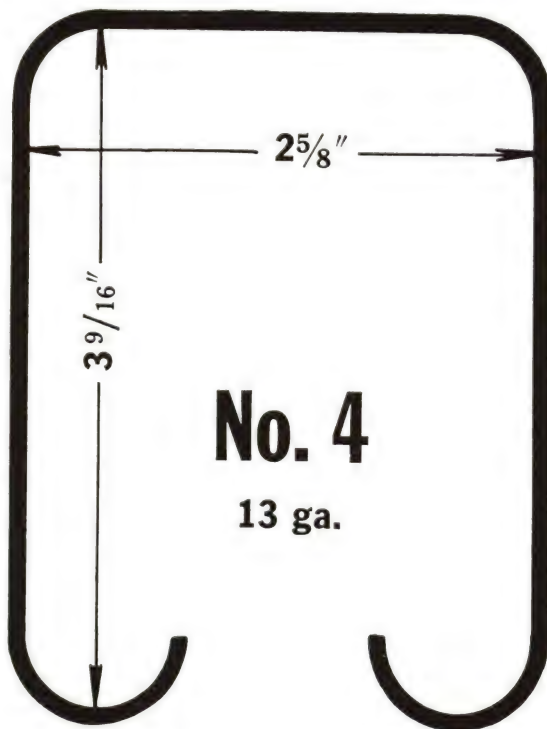
For Doors Weighing Up to 300 lbs.



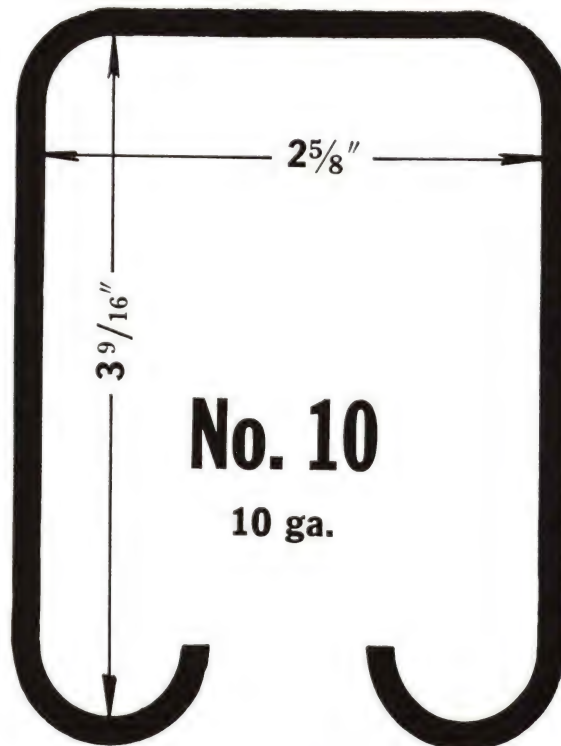
Doors weighing up to 500 lbs.



Doors weighing up to 600 lbs.



Doors weighing up to 700 lbs.



Doors weighing up to 1000 lbs.

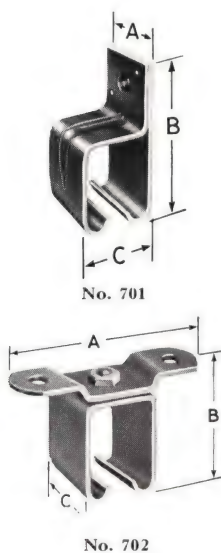
DOOR HANGERS FOR NO. 4 TRACK ARE USED ALSO WITH NO. 10 TRACK

All Tracks are carried in stock in 6', 8' and 10' lengths. Odd lengths will be priced on the basis of the next longer stock size and a nominal charge will be made for cutting.

Steel Track Brackets

No. 701 WALL BRACKET

Bracket No.	For Track No.	A	B	C	Diameter of Hole	Hole Center to Top
701- 1	1	2"	4 1/4"	2 3/16"	9/16"	3/4"
701-24	24	2"	5 1/2"	2 3/16"	9/16"	3/4"
701- 4	4	3"	6 5/8"	3 3/8"	11/16"	15/16"
701- 6	6	3"	6 1/8"	2 15/16"	11/16"	7/8"
701- 9	9	2"	4 1/2"	2 3/16"	9/16"	3/4"
701-10	10	3"	6 3/4"	3 1/2"	11/16"	15/16"



No. 702 OVERHEAD BRACKET

Bracket No.	For Track No.	A	B	C	Diameter of Holes	Center to Center of Holes
702- 1	1	5 1/4"	3 1/4"	2"	7/16"	3 3/4"
702-24	24	5 1/4"	4 1/2"	2"	7/16"	3 3/4"
702- 4	4	6 3/8"	5 1/4"	3"	9/16"	4 7/8"
702- 6	6	6"	4 11/16"	3"	9/16"	4 7/8"
702- 9	9	5 1/4"	3 9/16"	2"	7/16"	3 3/4"
702-10	10	6 3/8"	5 3/8"	3"	9/16"	4 7/8"

No. 707 WALL STOP BRACKET

Bracket No.	For Track No.	A	B	C	Diameter of Hole	Hole Center to Top
707- 1	1	2"	7 1/4"	2 3/16"	9/16"	3/4"
707-24	24	2"	8 1/2"	2 3/16"	9/16"	3/4"
707- 4	4	3"	9 5/8"	3 3/8"	11/16"	15/16"
707- 6	6	3"	9 1/8"	2 15/16"	11/16"	7/8"
707- 9	9	2"	7 1/2"	2 3/16"	9/16"	3/4"
707-10	10	3"	9 3/4"	3 1/2"	11/16"	15/16"

No. 708 OVERHEAD STOP BRACKET

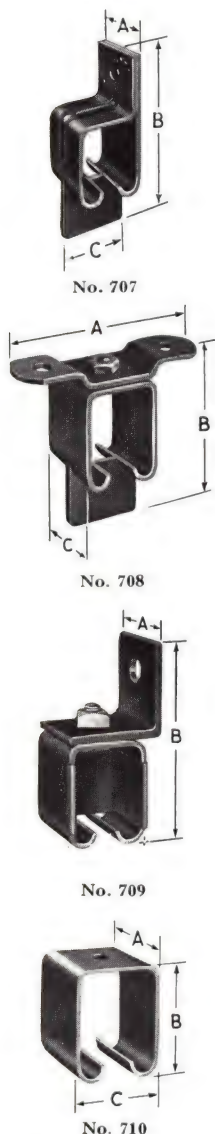
Bracket No.	For Track No.	A	B	C	Diameter of Holes	Center to Center of Holes
708- 1	1	5 1/4"	6 1/4"	2"	7/16"	3 3/4"
708-24	24	5 1/4"	7 1/2"	2"	7/16"	3 3/4"
708- 4	4	6 3/8"	8 1/4"	3"	9/16"	4 7/8"
708- 6	6	6"	7 11/16"	3"	9/16"	4 7/8"
708- 9	9	5 1/4"	6 9/16"	2"	7/16"	3 3/4"
708-10	10	6 3/8"	8 3/8"	3"	9/16"	4 7/8"

No. 709 SWIVEL BRACKET

Bracket No.	For Track No.	A	B	Center of Track to Header	Diameter of Hole	Hole Center to Top
709- 1	1	2"	5 1/4"	1 9/16"	9/16"	15/16"
709-24	24	2"	6 1/2"	1 9/16"	9/16"	15/16"
709- 4	4	3"	7 1/8"	2 1/16"	11/16"	15/16"
709- 6	6	3"	6 5/8"	2 1/8"	11/16"	15/16"
709- 9	9	2"	5 9/16"	1 9/16"	9/16"	15/16"
709-10	10	3"	7 1/4"	2 1/16"	11/16"	15/16"

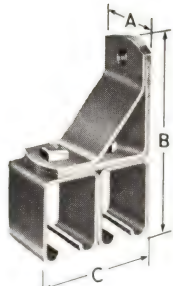
No. 710 OVERHEAD BRACKET

Bracket No.	For Track No.	A	B	C	Diameter of Hole
710- 1	1	2"	2 3/4"	2 1/8"	17/32" x 3/4" Slot
710-24	24	2"	4"	2 1/8"	17/32" x 3/4" Slot
710- 4	4	3"	4 5/8"	3 3/8"	17/32" x 3/4" Slot
710- 6	6	3"	4 1/2"	2 15/16"	17/32" x 3/4" Slot
710- 9	9	2"	3 1/16"	2 3/16"	17/32" x 3/4" Slot
710-10	10	3"	4 3/4"	3 1/2"	17/32" x 3/4" Slot



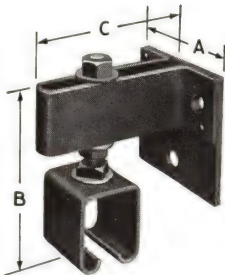
Steel Track Brackets

No. 712 DOUBLE WALL BRACKET



No. 712

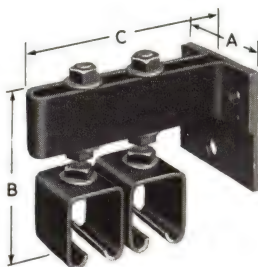
Bracket No.	For Track No.	A	B	C		Diameter of Hole	Hole Center to Top
				Min.	Max.		
712- 1	1	2"	6 ⁵ / ₈ "	4 ¹ / ₄ "	4 ³ / ₄ "	11 ¹ / ₁₆ "	3 ³ / ₄ "
712-24	24	2"	7 ⁷ / ₈ "	4 ¹ / ₄ "	4 ³ / ₄ "	11 ¹ / ₁₆ "	3 ³ / ₄ "
712- 4	4	3"	10 ⁷ / ₈ "	6 ³ / ₄ "	7"	13 ¹ / ₁₆ "	15 ¹ / ₁₆ "
712- 6	6	3"	10 ³ / ₈ "	5 ⁷ / ₈ "	6 ¹ / ₈ "	13 ¹ / ₁₆ "	15 ¹ / ₁₆ "
712- 9	9	2"	6 ¹⁵ / ₁₆ "	4 ⁵ / ₁₆ "	4 ³ / ₄ "	11 ¹ / ₁₆ "	3 ³ / ₄ "
712-10	10	3"	11"	7"	7 ¹ / ₈ "	13 ¹ / ₁₆ "	15 ¹ / ₁₆ "



No. 714

No. 714 ADJUSTABLE WALL BRACKET

Bracket No.	For Track No.	A	B		C
			Min.	Max.	
714- 1	1	3 ¹ / ₂ "	5 ¹ / ₂ "	5 ³ / ₄ "	5"- 7"-11"
714-24	24	3 ¹ / ₂ "	6 ³ / ₄ "	7"	5"- 7"-11"
714- 4	4	4 ³ / ₄ "	8 ³ / ₈ "	8 ⁷ / ₈ "	7"-11"-14"
714- 6	6	4 ³ / ₄ "	7 ⁷ / ₈ "	8 ¹ / ₂ "	7"-11"-14"
714- 9	9	3 ¹ / ₂ "	5 ⁷ / ₈ "	6 ¹ / ₈ "	5"- 7"-11"
714-10	10	4 ³ / ₄ "	8 ³ / ₈ "	8 ⁷ / ₈ "	7"-11"-14"



No. 715

No. 715 DOUBLE ADJUSTABLE WALL BRACKET

Dimensions same as shown in table above for Bracket No. 714.

SPACING OF THREE BOLT HOLES ON BRACKETS No. 714 AND No. 715

Bracket Nos.	Diameter of Holes	Upper Holes Center to Top	Center to Center of Holes Horizontal	Center to Center of Holes Vertical
714- 1 and 715- 1	9 ¹⁶ / ₁₆ "	1 ¹ / ₂ "	2 ¹ / ₄ "	2 ⁷ / ₈ "
714-24 and 715-24	9 ¹⁶ / ₁₆ "	1 ¹ / ₂ "	2 ¹ / ₄ "	2 ⁷ / ₈ "
714- 4 and 715- 4	11 ¹⁶ / ₁₆ "	7 ⁸ / ₈ "	3"	3"
714- 6 and 715- 6	11 ¹⁶ / ₁₆ "	7 ⁸ / ₈ "	3"	3"
714- 9 and 715- 9	9 ¹⁶ / ₁₆ "	1 ¹ / ₂ "	2 ¹ / ₄ "	2 ⁷ / ₈ "
714-10 and 715-10	11 ¹⁶ / ₁₆ "	7 ⁸ / ₈ "	3"	3"

Lox-Tite Brackets



With the use of Coburn Lox-Tite brackets several pieces of track can be joined to make one smooth, continuous run. Each bracket holds the adjacent ends together tightly and keeps the pieces of track in correct alignment.

Any steel bracket shown on the three preceding pages can be made into a Lox-Tite bracket. Holes are drilled in the sides of the bracket at a point level with the top of the track. Two projections are

punched out of the top of the track near the end of each piece. A tight steel pin is driven through each hole in the bracket and engages with the two projections in the track. A perfect joint results.

With double and triple brackets long steel pins are used which pass through the entire bracket.

When ordering Lox-Tite brackets, give the number of the bracket desired and add the letters LT, such as No. 722-1-LT or No. 701-1-LT.



No. 30 END INSERT

Any Coburn track bracket may be made into a right or left end bracket by inserting No. 30 End Insert, as illustrated. These are packed as separate items not assembled with bracket. Specify as No. 30-1 for No. 1 track, etc.

RECOMMENDED SPACING OF TRACK BRACKETS

No. 1 Track		No. 24 Track		No. 4 Track		No. 6 Track		No. 9 Track		No. 10 Track	
Door Wt.	Space	Door Wt.	Space	Door Wt.	Space	Door Wt.	Space	Door Wt.	Space	Door Wt.	Space
100 lbs	3' 4"	300 lbs	3' 4"	500 lbs	3' 4"	400 lbs	3' 4"	100 lbs	3' 4"	800 lbs	3' 4"
200 lbs	3' 0"	400 lbs	3' 0"	600 lbs	3' 0"	500 lbs	3' 0"	200 lbs	3' 0"	900 lbs	2' 6"
300 lbs	2' 6"	500 lbs	2' 6"	800 lbs	2' 6"	600 lbs	2' 6"	300 lbs	2' 6"	1000 lbs	2' 0"

For extremely heavy doors we recommend Coburn No. 750 Track and Hangers illustrated on pages 28 to 31 incl.

Sliding Door Hangers

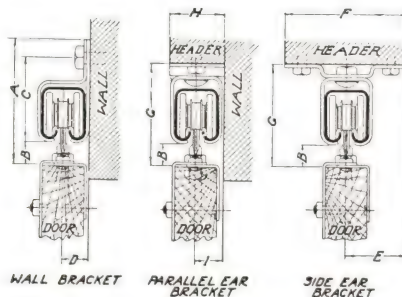
No. 134S DOOR HANGER

For Doors Sliding on Single or Double Run of Track

For doors weighing up to 1000 lbs. Lateral and vertical adjustments



No. 134S



Dimension Diagram

No. 134S

Wheels — Pressed steel for hangers using No. 1 and No. 9 Tracks. Machined cast iron for other sizes.

Bearings—Roller, case-hardened steel.

Pendant—Machined cold-rolled steel.

Adjusting and Lock Nuts — Steel.

Door Plate—Stamped steel.

Packed—One pair in a box with bolts for attaching hangers to door.

For dimensions of trolley trucks, see page 26.

DOOR AND HARDWARE DATA—No. 134S HANGERS

Hanger No.	Track No.	Weight of Door Lbs.	Thickness of Door Inches	A		B		C	D	E	F	G		H	I
				Min.	Max.	Min.	Max.					Min.	Max.		
134S-1	1	300	1 3/4	5"	6 3/16"	3 1/16"	2"	3 1/2"	1 1/16"	2 5/8"	5 1/4"	3 15/16"	5 3/16"	2"	1"
134S-24	24	600	1 3/4—2 3/4	6 1/2"	7 3/4"	1 5/16"	2 3/16"	4 3/4"	1 1/16"	2 5/8"	5 1/4"	5 7/16"	6 11/16"	2"	1"
134S-4	4	1000	2 1/4—3	7 5/8"	8 3/8"	1 1/4"	2"	5 3/4"	1 11/16"	3 3/16"	6 3/8"	6 1/2"	7 11/16"	3"	1 1/2"
134S-6	6	800	2 1/4—3	7 5/16"	8 1/16"	1 3/8"	2 1/8"	5 1/4"	1 1/2"	3"	6"	6 1/16"	7 1/16"	3"	1 1/2"
134S-9	9	300	1 3/4	5 1/16"	6 3/16"	9/16"	1 13/16"	3 3/4"	1 1/16"	2 5/8"	5 1/4"	4 1/8"	5 3/8"	2"	1"

Accordion Door Hangers

No. 350 AND No. 375 DOOR HANGERS

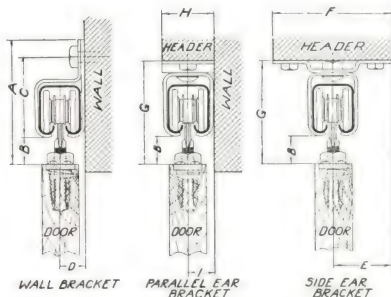
For Folding Partition Doors which Operate like an Accordion

Each hanger has vertical adjustment only. Not recommended for doors over 3 feet wide.

Accordion doors are hinged together and to the jamb. The door next to the jamb is only half as wide as the other doors, so that the doors when folded will project an equal distance into each adjoining room. A door hanger is located at the top center of every second door starting with the door farthest from the half door.



No. 350



Dimension Diagram



No. 375

No. 350

Wheels — Pressed steel for hangers using Nos. 1 and 9 Tracks. Machined cast iron for other sizes.

Bearings—Roller, case-hardened steel.

Pendant—Machined cold-rolled steel.

Adjusting and Lock Nuts — Steel.

Door Plate—Stamped steel.

Packed—One in a box with screws for attaching to top of door.

No. 375

Wheels — Pressed steel for hangers using Nos. 1 and 9 Tracks. Machined cast iron for other sizes.

Bearings—Roller, case-hardened steel.

Pendant—Drop-forged steel.

Adjusting and Lock Nuts — Steel.

Door Plate—Stamped steel.

Packed—One in a box with screws for attaching to top of door.

For dimensions of trolley trucks, see page 26.

DOOR AND HARDWARE DATA—No. 350 AND No. 375 HANGERS

Hanger No.	Track No.	Maximum Weight of Door	Minimum Thickness of Door	A		B		C	D	E	F	G		H	I
				Min.	Max.	Min.	Max.					Min.	Max.		
350- 1 and 375- 1	1	250 lbs.	1 $\frac{3}{4}$ "	5"	6 $\frac{3}{16}$ "	3 $\frac{1}{4}$ "	2"	3 $\frac{1}{2}$ "	1 $\frac{1}{16}$ "	2 $\frac{5}{8}$ "	5 $\frac{1}{4}$ "	3 $\frac{15}{16}$ "	5 $\frac{3}{16}$ "	2"	1"
350-24 and 375-24	24	450 lbs.	1 $\frac{3}{4}$ "	6 $\frac{1}{2}$ "	7 $\frac{3}{4}$ "	1 $\frac{5}{16}$ "	2 $\frac{3}{16}$ "	4 $\frac{3}{4}$ "	1 $\frac{1}{16}$ "	2 $\frac{5}{8}$ "	5 $\frac{1}{4}$ "	5 $\frac{7}{16}$ "	6 $\frac{11}{16}$ "	2"	1"
350- 4 and 375- 4	4	750 lbs.	2 $\frac{1}{4}$ "	7 $\frac{5}{8}$ "	8 $\frac{3}{8}$ "	1 $\frac{1}{4}$ "	2"	5 $\frac{3}{4}$ "	1 $\frac{11}{16}$ "	3 $\frac{3}{16}$ "	6 $\frac{3}{8}$ "	6 $\frac{1}{2}$ "	7 $\frac{11}{16}$ "	3"	1 $\frac{1}{2}$ "
350- 6 and 375- 6	6	600 lbs.	2 $\frac{1}{4}$ "	7 $\frac{5}{16}$ "	8 $\frac{1}{16}$ "	1 $\frac{3}{8}$ "	2 $\frac{1}{8}$ "	5 $\frac{1}{4}$ "	1 $\frac{1}{2}$ "	3"	6"	6 $\frac{1}{16}$ "	7 $\frac{1}{16}$ "	3"	1 $\frac{1}{2}$ "
350- 9 and 375- 9	9	250 lbs.	1 $\frac{3}{4}$ "	5 $\frac{1}{16}$ "	6 $\frac{5}{16}$ "	9 $\frac{1}{16}$ "	1 $\frac{13}{16}$ "	3 $\frac{3}{4}$ "	1 $\frac{1}{16}$ "	2 $\frac{5}{8}$ "	5 $\frac{1}{4}$ "	4 $\frac{1}{8}$ "	5 $\frac{3}{8}$ "	2"	1"

Sliding-Folding Door Hangers

No. 388 AND No. 389 DOOR HANGERS

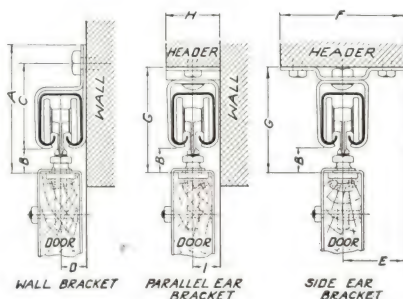
For Around-the-Corner Doors and Folding Partitions

These hangers are designed for doors which slide and fold at the same time, such as folding partition doors and garage doors which slide around the corner against the side wall. One hanger is required for each door. The width of each door should be the same and should not exceed three feet. Each hanger is made in four sizes for doors of various thicknesses and weights. Vertical adjustment only is provided.

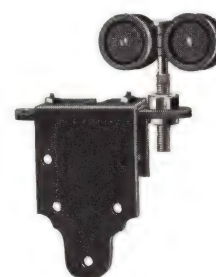
No. 388 Hangers are used to prevent interference of the hangers when two doors come together. If no interference is possible, No. 389 Hangers are recommended.



No. 388



Dimension Diagram



No. 389K

No. 388

Wheels — Pressed steel for hangers using Nos. 1 and 9 Tracks. Machined cast iron for other sizes.

Bearings—Roller, case-hardened steel.

Pendant—Drop-forged steel.

Adjusting and Lock Nuts— Steel.

Door Plates—Stamped steel.

Packed—One in a box with bolts for attaching to door.

No. 389

Wheels — Pressed steel for hangers using Nos. 1 and 9 Tracks. Machined cast iron for other sizes.

Bearings—Roller, case-hardened steel.

Pendant—Machined cold-rolled steel.

Adjusting and Lock Nuts— Steel.

Door Plates—Stamped steel.

Packed—One in a box with bolts for attaching to door.

No. 389K

Same as No. 389, except that carrier has knuckle joint for use in curved track.

For dimensions of trolley trucks, see page 26.

DOOR AND HARDWARE DATA—No. 388 AND No. 389 HANGERS

Hanger No.	Track No.	Weight of Door Lbs.	Thickness of Door	A		B		C	D	E	F	G		H	I
				Min.	Max.	Min.	Max.					Min.	Max.		
388- 1 and 389- 1	1	200	1 3/4"	5"	6 1/16"	3/4"	2"	3 1/2"	1 1/16"	2 5/8"	5 1/4"	3 15/16"	5 3/16"	2"	1"
388-24 and 389-24	24	400	1 3/4"—2 3/4"	6 1/2"	7 3/4"	1 5/16"	2 3/16"	4 3/4"	1 1/16"	2 5/8"	5 1/4"	5 7/16"	6 11/16"	2"	1"
388- 4 and 389- 4	4	600	2 1/4"—3 1/2"	7 5/8"	8 3/8"	1 1/4"	2"	5 3/4"	1 11/16"	3 3/16"	6 3/8"	6 1/2"	7 11/16"	3"	1 1/2"
388- 6 and 389- 6	6	500	2 1/4"—3 1/2"	7 5/16"	8 1/16"	1 3/16"	2 1/8"	5 1/4"	1 1/2"	3"	6"	6 1/16"	7 1/16"	3"	1 1/2"
388- 9 and 389- 9	9	200	1 3/4"	5 1/16"	6 3/16"	9/16"	1 13/16"	3 3/4"	1 1/16"	2 5/8"	5 1/4"	4 1/8"	5 3/8"	2"	1"

Sliding-Folding Door Hangers

No. 444 AND No. 445 DOOR HANGERS

For Doors Which Slide and Swing to the Side

For doors weighing up to 300 lbs. Have both lateral and vertical adjustments.

Not recommended for doors over three feet wide. These hangers permit the doors to slide and swing to the side, giving a clear opening with a minimum amount of swing space. They allow the doors to fit close to the head and jambs, making a tight weatherproof installation.

No. 444



No. 444

Wheels—Pressed steel for hangers using Nos. 1 and 9 Tracks. Machined cast iron for other sizes.

Bearings—Roller, case-hardened steel.

Pendant—Machined cold-rolled steel.

Adjusting and Lock Nuts—Steel.

Lock Washer—Steel.

Door Plate—Forged steel.

Packed—One in a box with bolts for attaching hanger to door.

No. 445



No. 445

Wheels—Pressed steel for hangers using Nos. 1 and 9 Tracks. Machined cast iron for other sizes.

Bearings—Roller, case-hardened steel.

Pendant—Drop-forged steel.

Adjusting Nut—Cold-rolled steel.

Lock Nut—Steel.

Door Plate—Forged steel.

Packed—One in a box with bolts for attaching hanger to door.



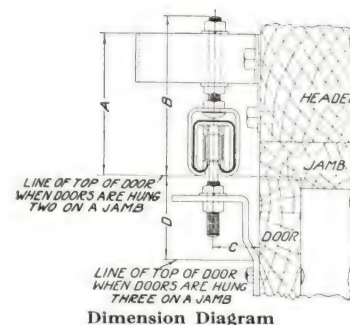
No. 714
Adjustable Wall Bracket

No. 714 ADJUSTABLE WALL BRACKETS

When No. 444 and No. 445 Door Hangers are used on sliding-folding doors, the track must be at an angle to the opening. No. 714 Adjustable Wall Brackets are used to support the track.

For complete data on No. 714 Brackets, see page 19.

For dimensions of trolley trucks, see page 26.



DOOR AND HARDWARE DATA—No. 444 AND No. 445 HANGERS

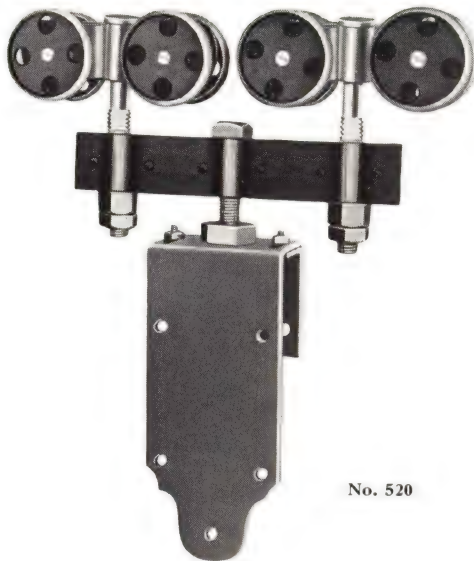
Hanger No.	Track No.	Weight of Door	Thickness of Door	A		B	C		D			
				Min.	Max.		Min.	Max.	444		445	
									Min.	Max.	Min.	Max.
444- 1 and 445- 1	1	125 lbs.	1¼"—1¾"	4⅞"	5¾"	6⅝"	1¼"	3"	3⅜"	4⅜"	3⅝"	5⅛"
444-24 and 445-24	24	200 lbs.	1¾"—2½"	6⅛"	7"	7⅞"	1¼"	3"	3⅜"	4⅜"	3¾"	5¼"
444- 4 and 445- 4	4	300 lbs.	2¼"—3"	7⅝"	8⅞"	9⅞"	1⅝"	3⅛"	4⅞"	5⅞"	4½"	7⅞"
444- 6 and 445- 6	6	250 lbs.	2¼"—3"	7⅞"	8½"	9⅞"	1¾"	3⅛"	4⅞"	5⅞"	4⅝"	6¾"
444- 9 and 445- 9	9	125 lbs.	1¼"—1¾"	5⅞"	6⅞"	6⅜"	1¼"	3"	3⅞"	4⅞"	3⅞"	4⅝"

Heavy Sliding Door Hangers

No. 520 DOOR HANGER

For Heavy Doors or Gates Sliding on a Single or Double Run of Track

For doors weighing up to 1500 lbs. Lateral and vertical adjustments.

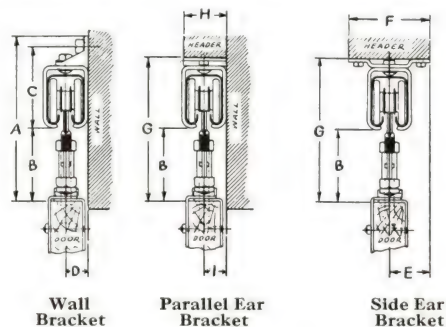


No. 520

An extra heavy hanger designed for heavy doors, such as those on warehouses, armories, piers, bus terminals, and large industrial buildings. The weight is carried by two carriers which distribute the load on the track, thus increasing the carrying capacity.

Doors weighing up to 1000 lbs. can be carried on No. 6 Track. Doors weighing up to 1500 lbs. can be carried on No. 4 or No. 10 Track. Space track brackets 2 feet apart for these maximum capacities.

Thickness of doors may vary from $2\frac{1}{4}$ " to 3".



Dimension Diagram

No. 520

Wheels—Machined cast iron.

Bearings—Roller, case-hardened steel.

Pendants—Machined cold-rolled steel.

Yoke—Stamped steel.

Adjusting and Lock Nuts—Steel.

Door Plates—Stamped steel.

Packed—With bolts for attaching hanger to door.

In cases where doors slide by each other, flat head wood screws will be substituted on request.

DOOR AND HARDWARE DATA—No. 520 HANGERS

Hanger No.	Track No.	Weight of Door Lbs.	Thickness of Door Inches	A		B		C	D	E	F	G		H	I
				Min.	Max.	Min.	Max.					Min.	Max.		
520- 4	4	1500	$2\frac{1}{4}$ —3	$10\frac{7}{8}$ "	$11\frac{5}{8}$ "	$4\frac{1}{4}$ "	5"	$5\frac{11}{16}$ "	$1\frac{11}{16}$ "	$3\frac{3}{16}$ "	$6\frac{3}{8}$ "	$9\frac{1}{2}$ "	$10\frac{1}{4}$ "	3"	$1\frac{1}{2}$ "
520- 6	6	1000	$2\frac{1}{4}$ —3	$10\frac{9}{16}$ "	$11\frac{3}{16}$ "	$4\frac{7}{16}$ "	$5\frac{3}{16}$ "	$5\frac{1}{4}$ "	$1\frac{1}{2}$ "	3"	6"	$9\frac{1}{8}$ "	$9\frac{7}{8}$ "	3"	$1\frac{1}{2}$ "
520-10	10	1500	$2\frac{1}{4}$ —3	11"	$11\frac{3}{4}$ "	$4\frac{1}{4}$ "	5"	$5\frac{13}{16}$ "	$1\frac{3}{4}$ "	$3\frac{3}{16}$ "	$6\frac{3}{8}$ "	$9\frac{5}{8}$ "	$10\frac{3}{8}$ "	3"	$1\frac{1}{2}$ "

Trolley Trucks for Steel Frame Doors and Gates



No. 501 TROLLEY TRUCK

Non-swivel forged pendant. Rigid carrier with roller bearings. Pressed steel wheels on Nos. 1 and 9 sizes. Cast-iron wheels on other sizes.

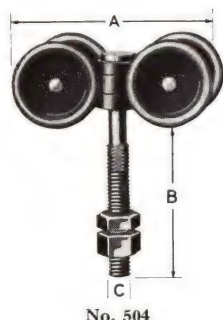
Trolley Truck No.	Track No.	A	B	C
501-1	1	5 5/8"	3 7/16"	1 1/2"
501-24	24	6 3/4"	3 1/16"	1 1/2"
501-4	4	7 3/4"	3 9/16"	3/4"
501-6	6	7 3/8"	3 3/4"	3/4"
501-9	9	5 7/8"	3 5/16"	1 1/2"



No. 502 TROLLEY TRUCK

Plain swivel pendant of cold-rolled steel. Roller bearing carrier. Pressed steel wheels on Nos. 1 and 9 sizes. Cast-iron wheels on other sizes.

Trolley Truck No.	Track No.	A	B	C
502-1	1	5 1/16"	2 7/8"	1 1/2"
502-24	24	6 3/16"	2 7/8"	1 1/2"
502-4	4	6 13/16"	2 7/8"	3/4"
502-6	6	6 7/16"	3 1/8"	3/4"
502-9	9	5 9/16"	2 3/4"	1 1/2"



No. 504 TROLLEY TRUCK

Plain swivel pendant of cold-rolled steel. Roller bearing carrier with knuckle joint for curved track. Pressed steel wheels on Nos. 1 and 9 sizes. Cast-iron wheels on other sizes.

Trolley Truck No.	Track No.	A	B	C
504-1	1	4 3/8"	3"	1 1/2"
504-24	24	6 5/8"	3"	1 1/2"
504-4	4	7 3/8"	3 1/8"	3/4"
504-6	6	7"	3 1/4"	3/4"
504-9	9	4 5/8"	2 7/8"	1 1/2"



No. 505 TROLLEY TRUCK

Two-wheel carrier with roller bearings. Pressed steel wheels on Nos. 1 and 9 sizes. Cast-iron wheels on other sizes. Drop-forged pendant.

Trolley Truck No.	Track No.	A	B	C
505-1	1	1 7/8"	3 9/16"	1 1/2"
505-24	24	3"	3 11/16"	1 1/2"
505-4	4	3 3/8"	5 1/16"	3/4"
505-6	6	3"	5 1/4"	3/4"
505-9	9	2 1/8"	3 7/16"	1 1/2"

Replacement Parts for Coburn Door Hangers

RIGID ROLLER BEARING CARRIER



C-11 for No. 1 Track
C-21 for No. 24 Track
C-41 for No. 4 Track
C-61 for No. 6 Track
C-91 for No. 9 Track

Used with Pendants P-13, P-31 and P-51 to make Trolley Truck No. 501. For repairs on old-style Hangers No. 120 and No. 137 now discontinued.

SWIVEL ROLLER BEARING CARRIER



C-134 for No. 1 Track
C-234 for No. 24 Track
C-434 for No. 4 Track
C-634 for No. 6 Track
C-934 for No. 9 Track

Used with Pendants P-15, P-25 and P-45 to make Trolley Truck No. 502. For repairs on hangers shown on pages 21 to 25 incl.

KNUCKLE-JOINT ROLLER BEARING CARRIER



C-15 for No. 1 Track
C-25 for No. 24 Track
C-45 for No. 4 Track
C-65 for No. 6 Track
C-95 for No. 9 Track

Used with Pendants P-15, P-25 and P-45 to make Trolley Truck No. 504. For repairs on Hanger No. 389K.



P-13 for No. 1 and No. 9 Tracks
P-31 for No. 24 Track
P-51 for No. 4 and No. 6 Tracks

FORGED THREADED PENDANT

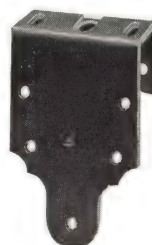
Used with carriers shown at the left to make Trolley Truck No. 501. For repairs on old-style hangers No. 137 now discontinued.



P-15 for No. 1 and No. 9 Tracks
P-25 for No. 24 Track
P-45 for No. 4 and No. 6 Tracks

PLAIN SWIVEL PENDANT

Used with swivel and Knuckle-joint carriers shown at the left to make Trolley Trucks No. 502 and No. 504. For repairs on hangers shown on pages 21 to 25 incl.

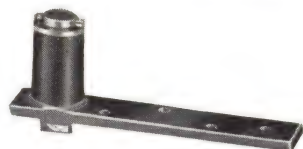


DOOR PLATES

Used with Hangers No. 134, No. 388, No. 389, No. 389K and No. 520. Each complete door plate consists of two parts, one long plate and one short plate.

Guides for Sliding-Folding Doors

No. 390 DOOR GUIDE



No. 390

Used with Hangers No. 388 and No. 389 on sliding-folding partitions. Can also be used on straight sliding doors.

No. 391 DOOR GUIDE



No. 391

Used with Hangers No. 350 and No. 375 on accor-dion type folding doors. Can also be used on straight sliding doors.

No. 4972 FLOOR GUIDE



No. 4972

For use with guides shown above. Regularly furnished with flat-head wood screws.

Guide No. 4972 also furnished with anchors for setting in concrete, at nominal extra charge.

Parallel Door Hangers

FOR SINGLE RUN NO. 9 TRACK

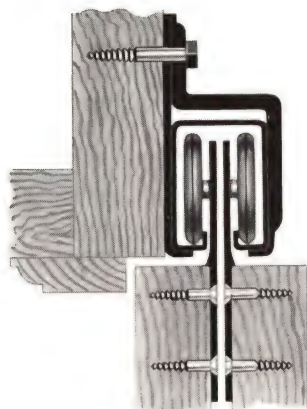


No. 842

No. 842 Hanger. Used with No. 9 Track as shown below. Wheels are made of pressed steel 2" in diameter with round tread and equipped with ball bearings. Door plate made of steel 3½" wide x 4¾" long.

A projecting lug locates the hanger on the door at the correct height.

When attaching No. 842 Hangers to door fasten top screw of each hanger while door is on ground. Then place door hangers in track and fasten bottom screws after door has settled to correct position. This insures equal distribution of weight on all wheels. Packed in pairs with screws for attaching hangers to doors.



PARALLEL TRACK INSTALLATION

An inexpensive installation for two doors operating on parallel tracks is the combination of two No. 842 Door Hangers back to back in one run of No. 9 Track similar to the illustration at the left.

Since only one run of track is used the cost of material as well as the cost of installation is reduced to the minimum and the sales possibilities are large.

This arrangement is recommended only for light doors.



Theatre Curtain Hangers

NO. 93 CURTAIN HANGER

This hanger, used with Tracks No. 1 and No. 9, is recommended for large stage curtains which are manually operated. The curtain is attached to the hangers by spring clips, located 12" to 18" apart, which are usually furnished by the curtain manufacturer. They are not included with the hangers.

The control rope passes through the tubular section of all the hangers and is fastened to the driving hanger or hangers by making a knot in the rope at each side of the driving hanger or by placing a clamp on the rope at each side of the driving hanger. There is one driving hanger for each curtain and it is the hanger which travels the greatest distance.

As the control rope is operated to draw the curtain away from the stage, the driving hanger comes in contact with the next hanger and pushes it along the track. Each other hanger is likewise pushed along until they have all accumulated at the end of the run.

When the curtain is drawn back across the stage, the driving hanger leads the way, and after it has traveled a short distance the

curtain pulls the next hanger in the same direction. The other hangers follow one at a time until the driving hanger reaches the end of the track.

When two curtains are used, the overhead track for one curtain laps the overhead track for the other curtain at the center of the stage, so that the two curtains overlap for a distance of one or two feet.

When No. 93 Hangers are used with curved track, the control rope is passed through a hole just above the center of the wheels instead of through the tubular section as illustrated, so that the pull on the hangers will not cause the hangers to tip and hinder satisfactory operation.

No. 750 Heavy Duty Track and Hangers

USING CHANNEL IRON TRACK FOR SINGLE RUNS AND I-BEAM TRACK FOR DOUBLE RUNS

For heavy doors this is the most satisfactory type of track and hanger on the market today.

The track is made by welding a round steel section to the flange of a standard channel iron or I-beam. If desired, the track may be made an integral part of the building.

The hangers are equipped with New Departure ball bearings and they roll so easily that one man can open the heaviest door with little effort.

No opening is too wide and no door is too heavy for this type of track and hanger. The only limit to the free spans over which this track can be used is the safe carrying capacity of the structural steel sections.



No. 750



No. 752



No. 753

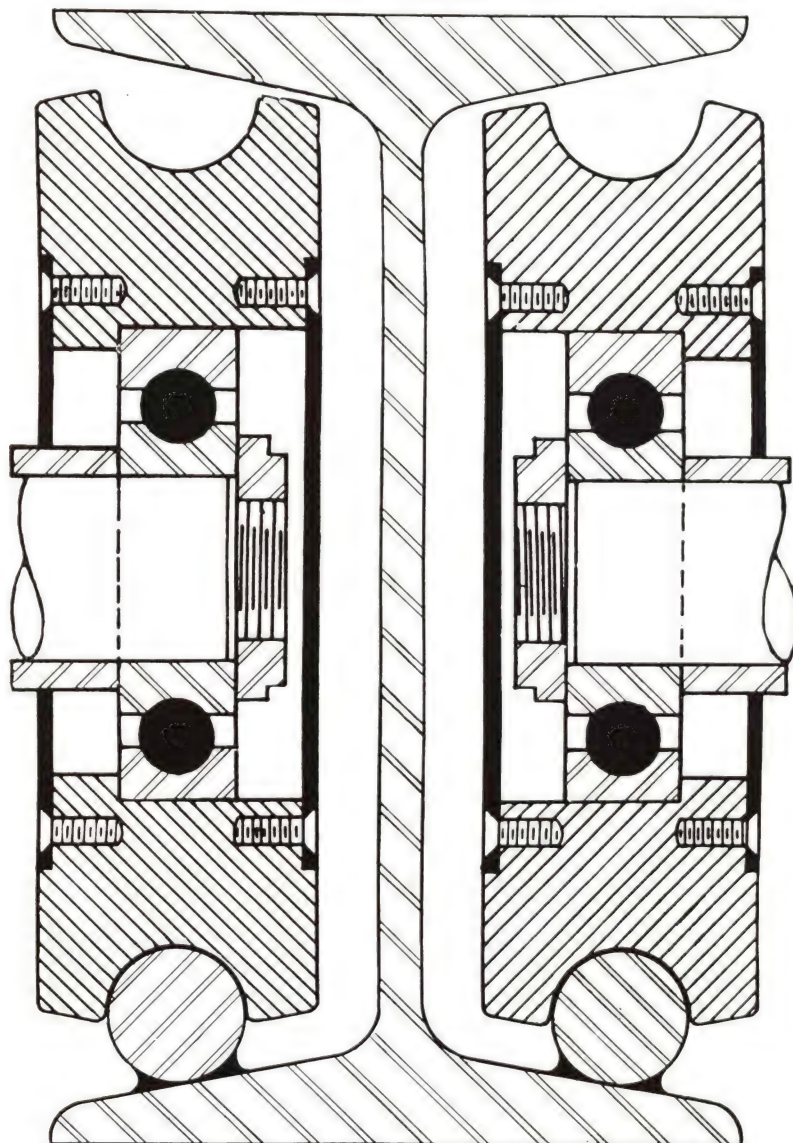
No. 750 Hanger has a rigid pendant and is not adjustable. No. 752 has vertical and lateral adjustment, and is designed particularly for fence gates where pipe rail is used. No. 753 Hanger has a vertical adjustment provided by slotted bolt holes in the upper pendant plate. It is designed for unusually heavy doors where the headroom is limited. All these hangers are made to suit specific conditions.



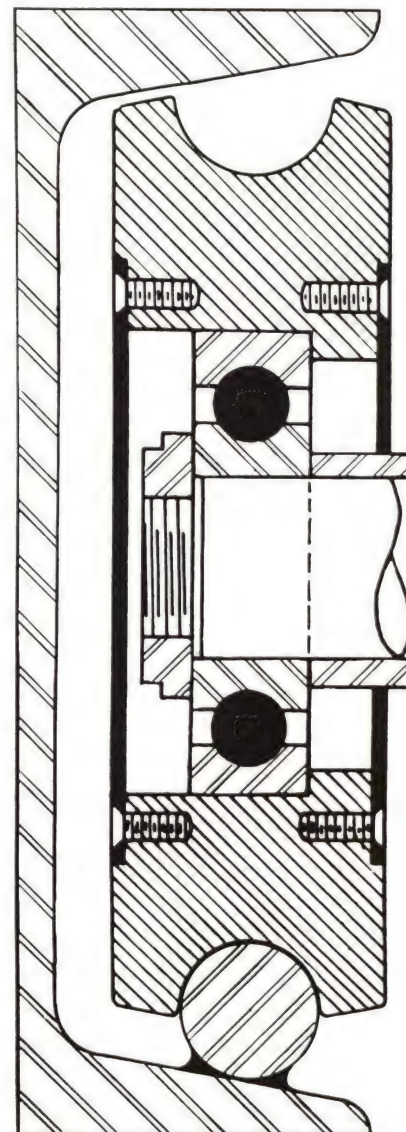
No. 750 I-Beam Installation in Large Power Plant

Full Size Sections

No. 750—6" I-BEAM TRACK



No. 750—6" CHANNEL TRACK



The above sections show the sturdy design of No. 750 Hangers. The wheels are made of cast iron and are equipped with New Departure ball bearings. The bearings are packed in grease and protected by cover plates, so that no dust or dirt can hinder the operation of the moving parts. Long life and satisfactory service is assured when "Coburn No. 750 Track and Hangers" are specified.

This track is made in four standard sizes, as follows:

- No. 750—4" for doors weighing up to 1000 lbs.
- No. 750—5" for doors weighing up to 2000 lbs.
- No. 750—6" for doors weighing up to 3000 lbs.
- No. 750—8" for doors weighing up to 6000 lbs.

Methods of Supporting No. 750 Track

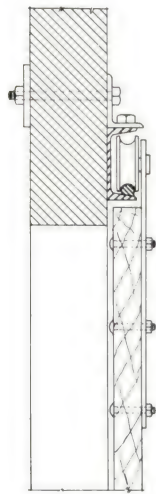


Fig. 1

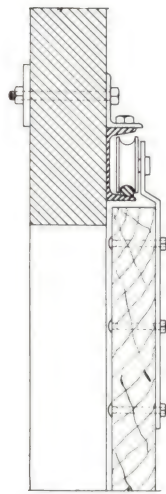


Fig. 2

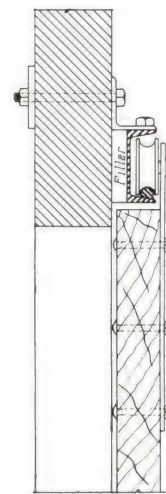


Fig. 3

The most satisfactory method of supporting No. 750 Track is by means of clip angles bolted through the wall and fastened to the top of the track with cap screws.

Figure 1 shows a door of medium thickness which permits the use of a straight pendant and the track against the wall.

Figure 2 shows a thick door with the hanger pendant offset to allow the track to remain against the wall.

Figure 3 shows how the track may be brought out to allow a thick door to use a hanger with a straight pendant. In such cases it is advisable to insert suitable blocking between the back of the track and the wall in order to give proper support to the track.

It is often possible to fasten the track to overhead structural steel work, and when this can be done a satisfactory support is obtained.

When little headroom is available the track may be fastened directly to the wall by the use of plow bolts passing through the back of the track and through the wall. This method is not recommended, however, as the web of the channel is not thick enough to insure a strong and permanent support.

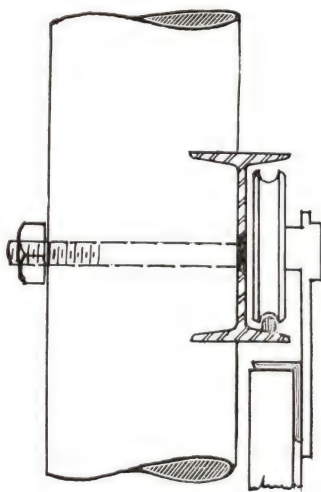
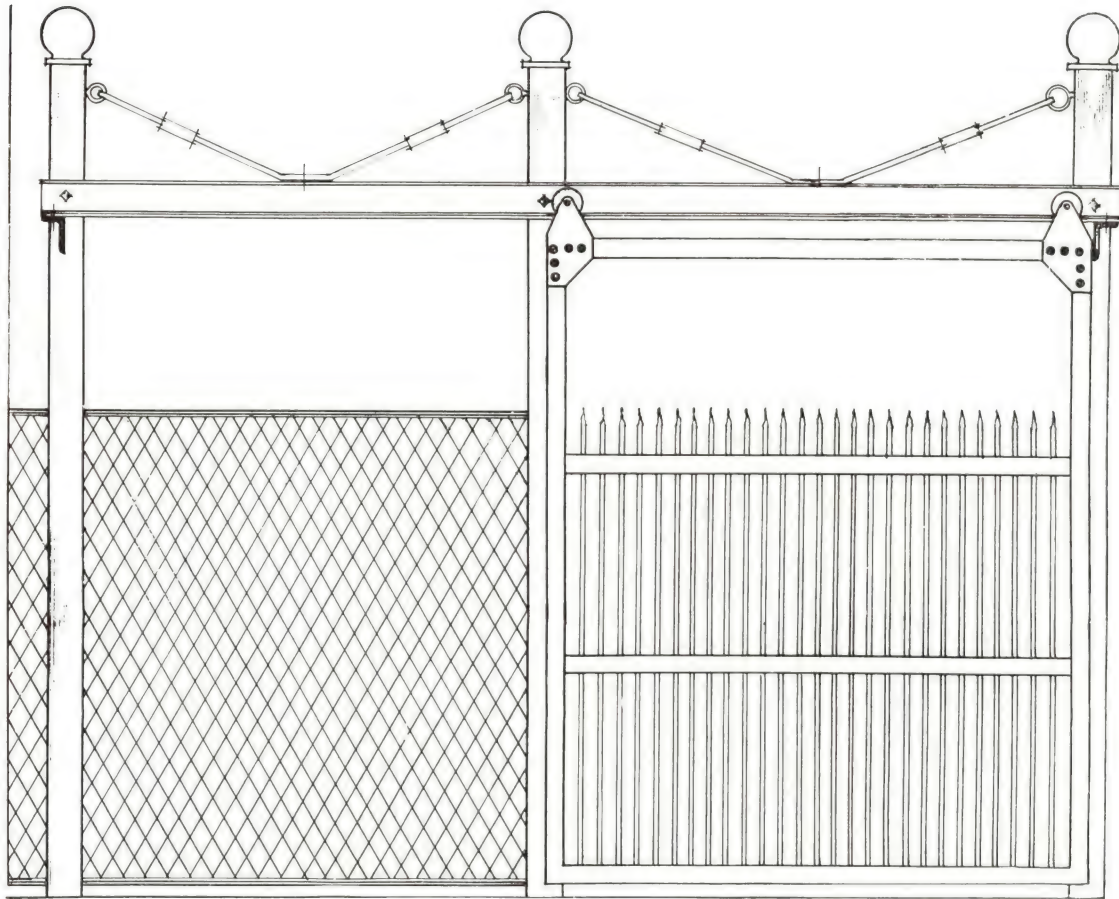
No. 750 Track and Hangers are so designed that the top flange of the channel or I-beam prevents the hanger wheel from jumping the track. Consequently no room is available for bolt heads between the top of the wheel and the top flange of the track. If bolts are preferred to cap screws, the required space for the bolt heads may be obtained by making the track one size larger than the hanger, but in such an installation it will be necessary to keep the top of the door within half an inch from the underside of the track in order to prevent the hanger from jumping the track.

VARIOUS USES FOR No. 750 TRACK AND HANGERS

No. 750 Track and Hangers can be used in practically any condition where there is a heavy sliding door. They are particularly adapted to the large openings found in public garages, car barns, bus terminals, piers, armories, entrance gates, warehouses, industrial buildings, factories, railroad terminals, freight houses, and airplane hangars.

In addition to the above fundamental uses our customers have specified No. 750 Track and Hangers on many special applications. These have included folding bleachers in a gymnasium which slide back against the wall when not in use, sliding skylights for ventilating factories, a sliding steel hopper above several coal pockets, and many others. The possibilities for the use of No. 750 Track and Hangers are unlimited, and suggestions for special applications will be submitted on request.

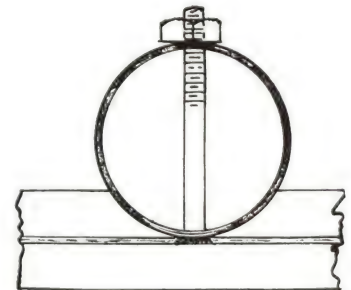
No. 750 Track and Hangers for Gates



The heaviest gate can be opened by a child when No. 750 Track and Hangers are used. Friction has been reduced to the minimum and little effort is required to open or close the gate.

This easy-rolling feature is very desirable because large gates are often attended by elderly watchmen who are incapacitated and who lack the strength of younger men.

The channel track is usually suitable for a first-class installation, but when greater rigidity is desired the I-beam track is used. Various methods for attaching the track are possible, and the above illustration shows the use of plow bolts attached to the web of the I-beam.



When the gates are very wide, truss rods are used, as in the above illustration, in order to furnish additional support.

Details and prices for specific conditions will be mailed on application.

Handles



No. 462 Light Flush Handle. Made of cast iron. Black japan finish. Plate, $3\frac{5}{8}$ " x $2\frac{3}{8}$ ", with finger hole, 3 " x $1\frac{1}{8}$ " x $\frac{7}{8}$ " deep. Requires $\frac{7}{8}$ " deep mortise in door.



No. 463 Light Raised Handle. Made of pressed steel. Black japan finish. Overall length, $5\frac{3}{4}$ ". Finger hole, $3\frac{1}{2}$ " x $1\frac{1}{4}$ ".



No. 4974 Flush Handle. Made with pressed steel plate and cast iron cup. Black japan finish. Plate, $5\frac{5}{8}$ " x $4\frac{3}{16}$ ", with finger hole, $3\frac{3}{8}$ " x $2\frac{3}{8}$ " x $\frac{7}{8}$ " deep. Requires $\frac{5}{8}$ " deep mortise in door.



No. 206 Flush Handle. Made of cast iron. Black japan finish. Plate, 5 " x $3\frac{7}{8}$ ", with finger hole, $3\frac{1}{8}$ " x $2\frac{7}{8}$ " x $1\frac{3}{8}$ " deep. Requires $1\frac{1}{8}$ " deep mortise in door.



No. 145 Heavy Flush Handle. Made of cast iron. Black japan finish. Plate, $7\frac{1}{2}$ " x 3 ". Made in two sizes. No. 145-2 has finger hole $4\frac{3}{8}$ " x $1\frac{3}{8}$ " x $\frac{3}{4}$ " deep, and requires $\frac{3}{4}$ " deep mortise in door. No. 145-3 has finger hole $1\frac{1}{2}$ " deep, and requires $1\frac{1}{2}$ " deep mortise in door.

No. 143 Heavy Raised Handle. Made of cast iron. Black japan finish. Overall length, $7\frac{1}{2}$ ". Finger hole, $4\frac{1}{2}$ " x $1\frac{3}{4}$ ". Bolt holes match holes in No. 145 Flush Handle.

Guide Rolls



No. 64 Guide Roll. Cast-iron roll, $3\frac{1}{2}$ " diameter. Made in two sizes. No. 64-1 has heavy steel stand with height of 7 " from floor to center of roll, while No. 64-2 has stand with height of 11 " from floor to center of roll. For use with heavy doors.



No. 485 Guide Roll. Cast-iron roll, 2 " diameter, mounted on a $\frac{1}{2}$ " x 6 " lag screw. Fastens into floor. For use with light doors.



No. 188 Guide Roll. Cast-iron roll, 2 " diameter, mounted on a $\frac{1}{2}$ " x 8 " lag screw bent at right angle. Fastens into wall. Inside of roll to end of screw, $5\frac{3}{4}$ ".

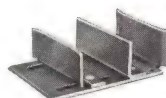


No. 187 Guide Roll. Cast-iron roll, 2 " diameter. Heavy steel frame for attaching to wall. Adjustable for doors from $1\frac{1}{4}$ " to $2\frac{3}{8}$ " thick. Vertical plate, $1\frac{1}{4}$ " x $4\frac{1}{4}$ ".

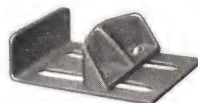
Floor Guides



No. 195 Floor Guide. Made of heavy steel. Adjustable for doors from $1\frac{3}{4}$ " to $3\frac{3}{4}$ " thick. Overall dimensions, 6 " x $4\frac{3}{8}$ " x $2\frac{1}{2}$ " high. For a single door or a pair of doors on same track.

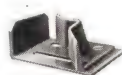


No. 192 Floor Guide. Made of heavy steel. Adjustable for doors from $1\frac{3}{4}$ " to $3\frac{1}{2}$ " thick. Overall dimensions, 8 " x 6 " x $2\frac{1}{2}$ " high. For double parallel sliding doors.



No. 543 Floor Guide. Heavy steel base with cast-iron guide. Adjustable for doors from 1 " to $3\frac{1}{2}$ " thick. Overall dimensions, $5\frac{1}{8}$ " x $3\frac{1}{2}$ " x $1\frac{7}{8}$ " high. For sliding-folding doors. Around-the-corner sets use only the cast-iron top piece known as No. 543A.

Stops and Binders



No. 191 Floor Stop. Heavy steel base with cast-iron stop. Adjustable for doors from $1\frac{3}{4}$ " to $3\frac{1}{2}$ " thick. Overall dimensions, $5\frac{1}{4}$ " x $3\frac{1}{2}$ " x 2 " high. Reversible for left and right hand doors.



No. 193 Floor Stop. Cast-iron base with steel guide. Adjustable for doors from $1\frac{1}{2}$ " to $2\frac{3}{4}$ " thick. Overall dimensions 6 " x $4\frac{5}{8}$ " x $2\frac{3}{4}$ " high.



No. 11 Door Binder. Made from 2 " x $\frac{1}{4}$ " steel in three sizes for doors $1\frac{3}{4}$ ", $2\frac{1}{4}$ ", and $2\frac{1}{2}$ " thick. Extreme length, 11 ".



No. 53 Door Binder. Made from $3\frac{1}{2}$ " x $\frac{3}{8}$ " steel in three sizes for doors $1\frac{3}{4}$ ", $2\frac{1}{2}$ ", and 3 " thick. Extreme length, $13\frac{1}{2}$ ". Usually attached to wall with through bolts.

WEAR PARTS

When a guide roll is used, a flat chafe strip and wedge should be used on the side of the door to engage with the guide roll. The flat chafe strip takes the wear off the wood door, and the wedge binds the door against the wall by pressing against the guide roll, thus insuring a tight installation.



No. 28

No. 28 Flat Chafe Strip. Made from $\frac{1}{8}$ " steel is $1\frac{1}{2}$ " wide. Countersunk for flat head wood screws. Length equals width of door less 8 " required for wedge and bumper shoe.



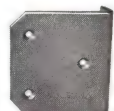
No. 29

No. 29 Oval Chafe Strip. Made from $\frac{1}{4}$ " x $\frac{3}{4}$ " half oval steel. Countersunk for flat head wood screws. Ends beveled to prevent door from chafing against the wall. Length equals width of door less 3 ".



No. 148

No. 148 Wedge. Cast iron, $4\frac{1}{2}$ " x $1\frac{1}{2}$ " with a rise of $\frac{3}{4}$ ". Engages with guide roll and forces door tightly against wall.



No. 34

No. 34 Bumper Shoes. Made of steel. Size $3\frac{1}{2}$ " x $3\frac{1}{2}$ " x $\frac{13}{16}$ ". For protecting corner of door where it strikes a guide or stop. Countersunk for flat head wood screws.

Door Bolts



No. 208

No. 208-6" Chain Bolt. Wrought steel. Black enamel finish. Packed with screws.



No. 209

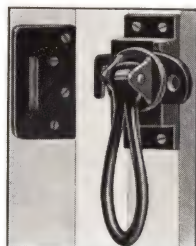
No. 209-6" Foot Bolt. Wrought Steel. Black enamel finish. Packed with screws.



No. 211

No. 211 Cane Bolt. Made of steel throughout. Furnished in two sizes. Black enamel finish. Packed with screws.

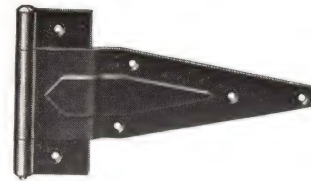
Part No.	Dimensions
No. 211-3	$\frac{5}{8}$ " x 18"
No. 211-5	$\frac{3}{4}$ " x 24"



No. 896

No. 896 Drawtite Bolt. Made of grey iron. Can be used with single, double or parallel doors. A turn of the handle fastens the door to the jamb or another door and then pulls it tight making a weatherproof joint. After the drawtite bolt is in the closed position, an ordinary padlock may be placed through the hole in the plate to prevent opening of the door. Door plate is $1\frac{13}{16}$ " x $4\frac{1}{8}$ ", strike plate is $2\frac{1}{2}$ " x 4".

Garage Door Hinges



No. 70

No. 70 Offset Hinge. Tight pin. Strap 10" long with maximum width $3\frac{1}{2}$ ". Pad is 2" x 7". Used when doors set flush with casing. Allows single door to swing clear of the opening when standing at 90°. Packed in pairs with screws. Black enamel finish.



No. 74

No. 74 Butt Hinge. Tight pin. Size, 4" x 4". Packed in pairs with screws. Black enamel finish.



No. 50

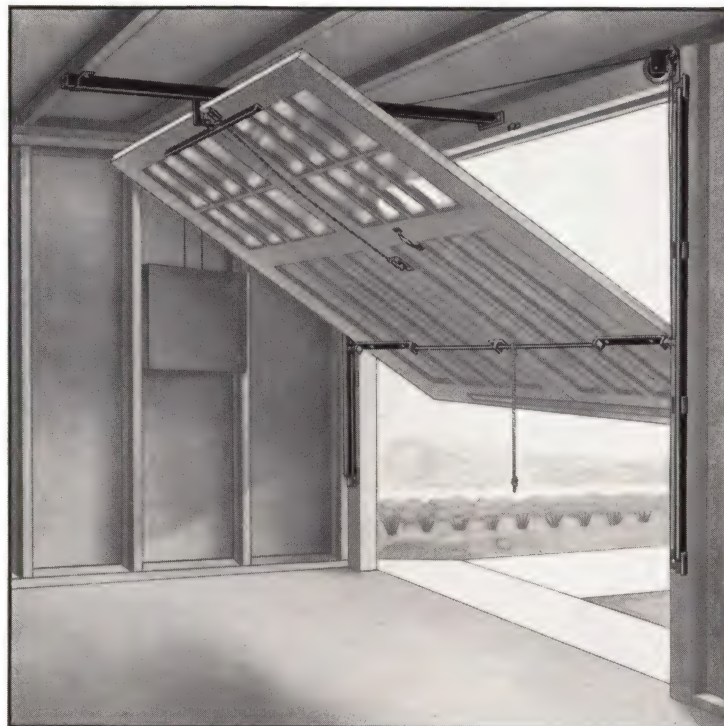
No. 50 Full Surface Hinge. Size 4" x 6". Packed with $\frac{5}{16}$ " x $2\frac{3}{4}$ " stove bolts. Black enamel finish.



No. 52

No. 52 Offset Hinge. Size 4" x 6" x $\frac{3}{4}$ " offset. Allows $1\frac{1}{2}$ " clearance between doors when folded back to back. Packed with $\frac{5}{16}$ " x $2\frac{3}{4}$ " stove bolts. Black enamel finish.

No. 500 Swing-Over Hardware Set



AMPLE CLEARANCE

The path of travel of the door from the closed vertical position to the open horizontal position will provide ample clearance above the top of any modern automobile, even though the bumper of the car touches the closed door.

HIGH QUALITY SET

An overhead door equipped with No. 500 Hardware is a high quality set with a long life. The overhead door hanger has four wheels with roller bearings operating in Coburn enclosed track. Each door guide has a wheel rolling in the vertical track so that operating friction is reduced to a minimum. When a $1\frac{3}{4}$ " stock garage door is used, the combination makes a strong and substantial installation, which should last for many years.

CLEAR FLOOR SPACE

Swing-Over Hardware does not interfere with usable floor space inside the garage. In a two-car garage one weight box is hung on each side wall and the entire floor space is clear. In a battery of garages the weight boxes are hung on the rear wall.

ALL HARDWARE INSIDE

Throughout the entire travel of the door all hardware parts (except locking handle) remain inside the garage where they are kept dry and in good condition.

Any carpenter can easily transform a pair of troublesome swinging garage doors into a smooth-operating one-piece overhead door with a set of Coburn No. 500 Hardware. The same hardware can also be used on new one-piece doors if individuality of design is desired.

EASE OF OPERATION

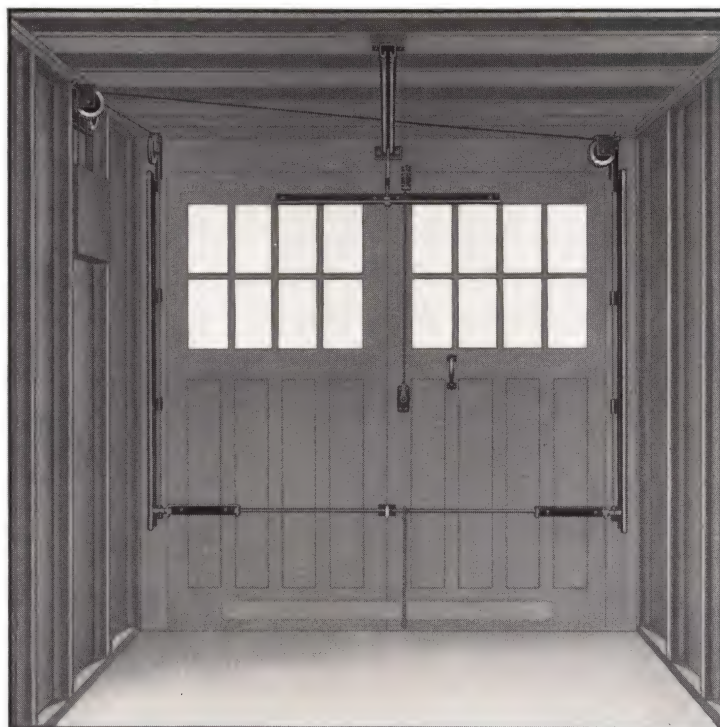
The door is counterbalanced perfectly by the correct amount of scrap-metal in the weight box, so the slightest pull of the handle will start the door gently upward. A similar slight pull on the overhead rope will bring the door down to the closed position. The simplicity of operation makes this type of overhead door particularly desirable for the use of women and children.

UNIVERSAL ADAPTABILITY

This type of hardware is adaptable to practically all special conditions. The standard set for 8' x 8' openings can be used for any garage opening up to that size, and with the location of the weight box not restricted to any one place, the opportunities for the use of this set are tremendous.

ECONOMY FEATURE

With No. 500 Hardware it is possible to build good overhead doors most economically. On remodeling jobs a new door is not necessary, if the old doors are in good condition. On new installations stock garage doors from the local lumber dealer are recommended. In either case the total cost is in the lowest price field.



MINIMUM REQUIREMENTS

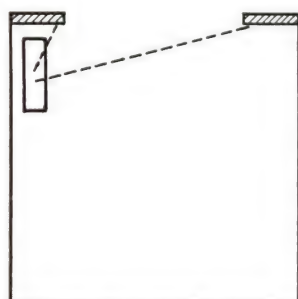
Headroom above opening, 5". Jamb space on each side of opening, $2\frac{3}{4}$ ". Space required for 6" x 18" weight box to be located anywhere in garage.

STANDARD OPENINGS

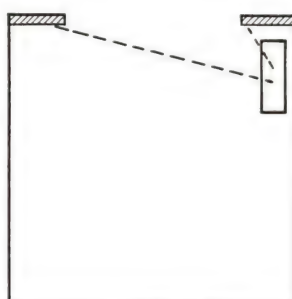
The door may be any size up to 8' x 8'. It should be not over $1\frac{3}{4}$ " thick, and should weigh not over 250 lbs.

LOCATION OF WEIGHT BOX

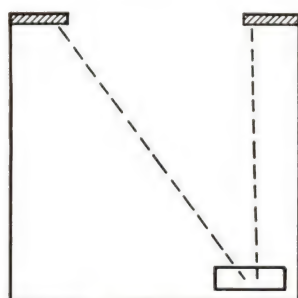
The weight box can be located at any convenient point in the garage. It is often concealed between the studding or behind an enclosure. The standard set includes sufficient cable for Plans No. 1 and No. 2. Extra cable will be required for Plans No. 3 and No. 4.



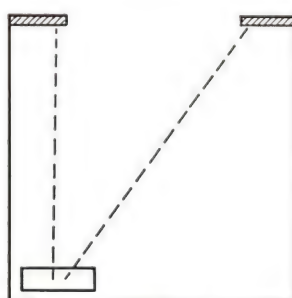
PLAN 1



PLAN 2



PLAN 3



PLAN 4

Optional Locations of Weight Box

Standard set includes cable for Plans 1 and 2.
Extra cable required for Plans 3 and 4.

SPECIAL OPENINGS

This same type of hardware may be furnished for special openings up to 16' x 8' provided the door is not too high nor too heavy. When the door is 10' wide, or over, two horizontal tracks are used, and special support is provided to keep the door flat in the overhead position.

(See price list for other sizes of sets ranging from 8' x 8' up to 16' x 8'.)



SIMPLICITY OF ERECTION

The hardware parts are designed to make the erection easy and foolproof. The door guides are set back from the edge of jamb. The vertical tracks slide over the door guides and extend to the top of the opening. Complete instructions and working drawings, showing location of all parts, are packed with each set, so that even a novice with ordinary tools can easily make a first-class installation.

LOCKING HANDLE

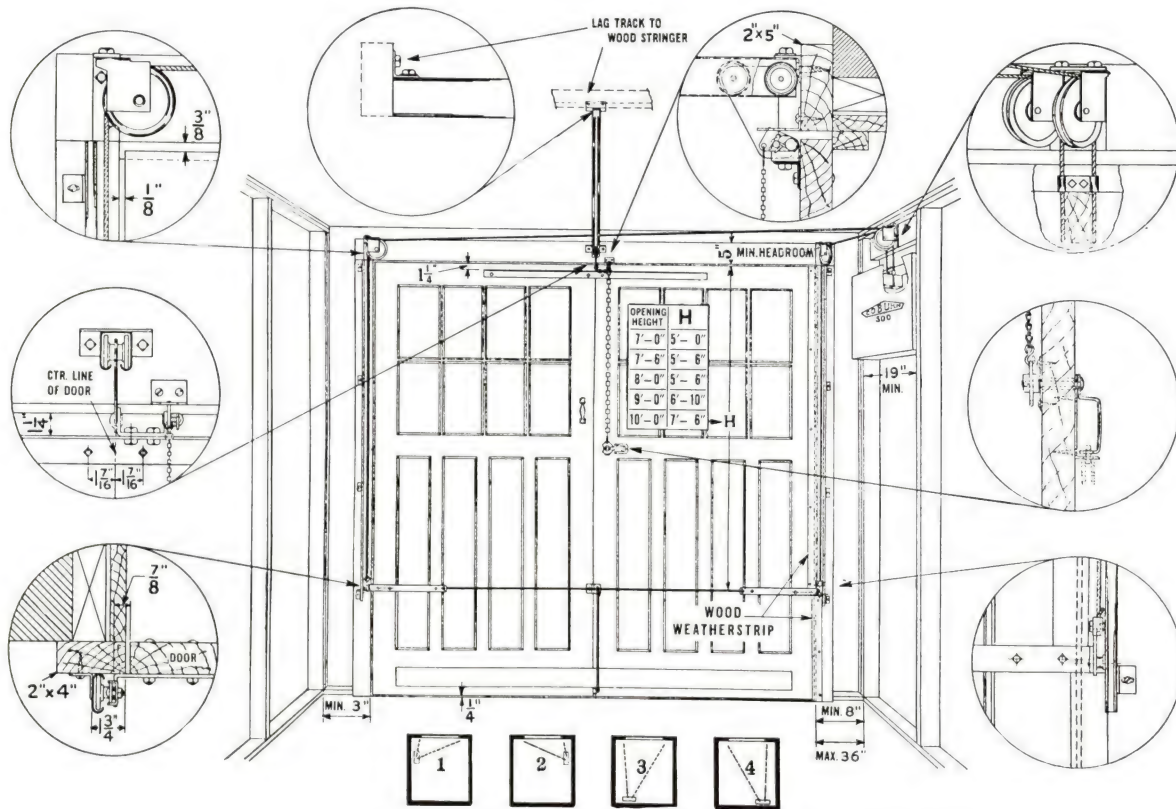
Each No. 500 Set includes a locking handle for the outside of the door. When it is turned, the top bolt on the inside is released, and the door is unlatched. A padlock can be attached to the locking handle, and the door will be locked securely until the padlock is removed. A chromium plated handle, with built-in cylinder lock, is available at slight extra charge in place of standard handle.

WEATHERSTRIP

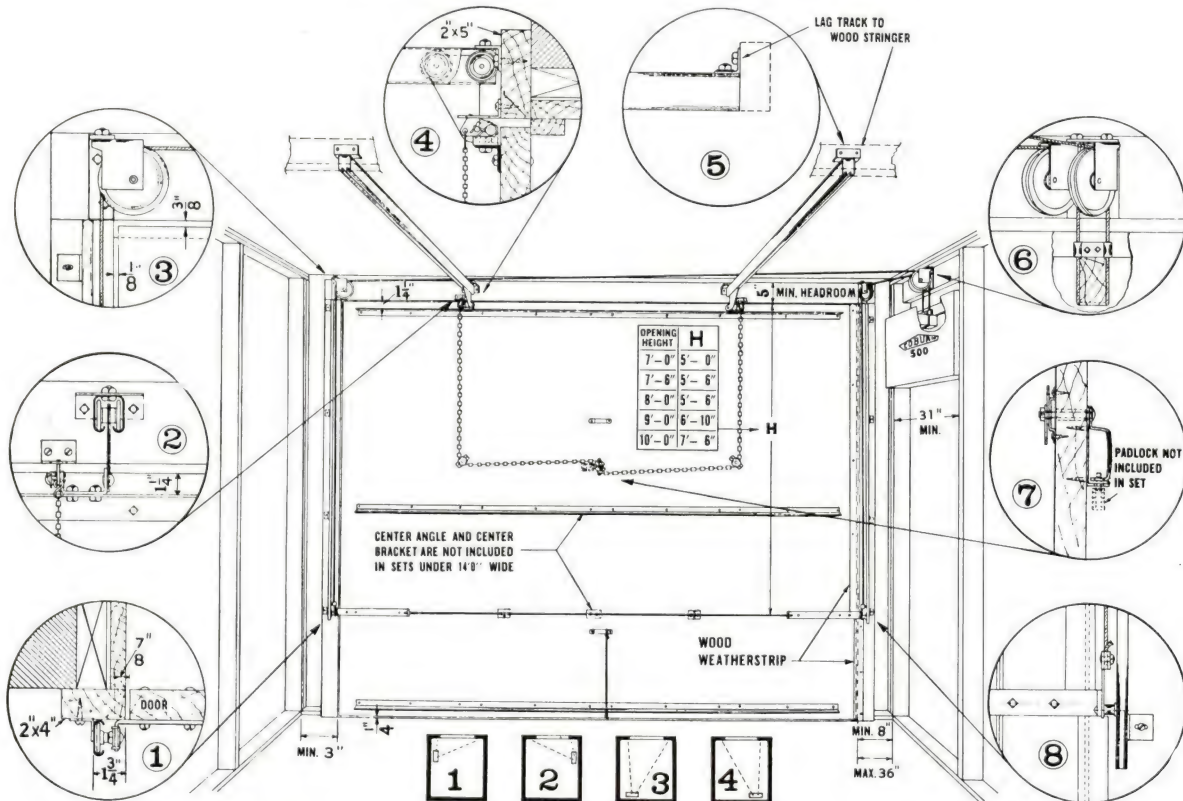
The doors can be made weathertight by applying wood or steel weatherstrip on the inside according to directions. Above the door guides the weatherstrip is attached to the door, and below the door guides the weatherstrip is fastened to the jamb.

HOW PACKED

Each standard No. 500 Set is shipped in two parcels. The weight box contains all the small hardware parts, while a separate bundle includes the vertical track, the horizontal track, the top angle, and the truss rod.



Standard set includes cable for Plans 1 and 2. Extra cable required for Plans 3 and 4.
Erection diagram for sets 8' x 8' up to 9' x 10' inclusive.

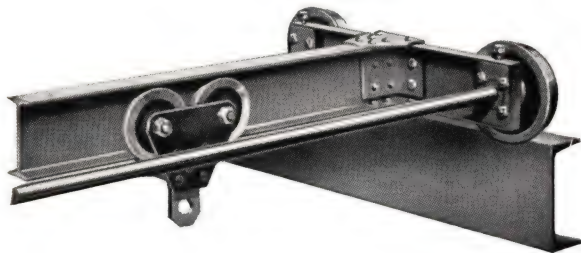


Standard Set includes cable for Plans 1 and 2. Extra cable required for Plans 3 and 4.
Erection diagram for sets 10' x 8' up to 16' x 8' inclusive.

Other Coburn Products

OVERHEAD CONVEYING SYSTEMS

The transportation of heavy loads within a factory or warehouse can be greatly simplified by the installation of Coburn overhead conveying equipment. The carriers are equipped with roller or ball bearings as desired, and they roll with such little effort that one man can easily move a load of 2,000 lbs. any required distance. Coburn enclosed track prevents the accumulation of dust or dirt and the carrier wheels always operate on a smooth, clean surface. Heavy steel brackets provide a rigid support for the track, making certain that it is properly lined up at all times. Any desired installation can be obtained by using switches, turntables, hoists, scales, and the required straight or curved track. Send us your specific problem and our Engineering Department will be glad to submit a proposed layout for approval.



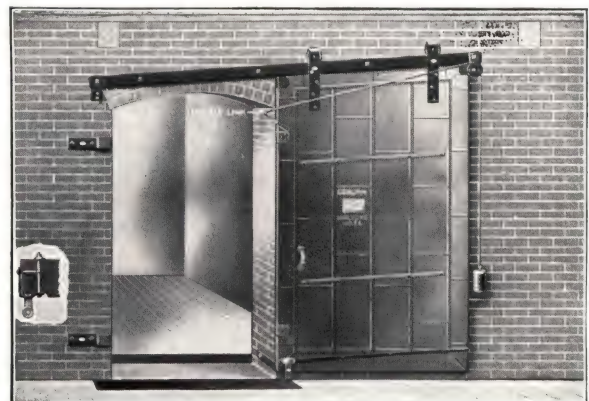
TRAVELING CRANES

When it is necessary to handle material over an entire floor space a traveling crane is the best device to use. The illustration to the left shows a simple type of crane, with single I-beam bridge member, and wheels designed to run on channel iron runway.

This crane is also furnished to run on standard T-rail, with or without gears, and with hand chain wheel for rolling the crane along runway from the floor. Made for spans not over 25 feet and capacities up to 4,000 lbs. Prices and data sheets will be furnished upon request.

FIRE DOOR HARDWARE

Manufactured under supervision of the Underwriters' Laboratories, Inc., Coburn hardware complies with the insurance requirements in every locality. It is designed for application to any standard two or three ply tin clad door, and is made in complete sets for sliding or swinging doors, either singles or pairs. The sliding door sets are made for inclined and level slide doors, with special hardware for low headroom conditions. All sets are equipped with automatic self-closing devices, made in exact accordance with Underwriters' Specifications. Our many years' experience in the solution of fire door problems is at your service without obligation.



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